

03



Memòria anual
2003



Català Castellano English Français



1 Financial statements

The present chapter includes the balance sheet, the profit and loss statement and the source and application funds statement for fiscal years ending 31 december 2003 and 2002.

The 2003 data is pending auditor's report.

Furthermore, a chapter on the 2003 economic-financial report will be found at the Annual report.

Introduction

1.1. Balance Sheet

1.2. Profit and Loss Statement

1.3. Source and application funds statement

1 Financial statements

1.1. Balance Sheet

ASSETS	Thousand of euros		LIABILITIES	Thousand of euros	
	2003	2002		2003	2002
FIXED ASSETS	894,506	789,440	EQUITY	644,165	620,702
Intangible	8,967	6,427	Net worth	512,743	512,743
Tangible	848,772	744,665	Fixed assets paid-up to general use	-33,821	-30,338
Financial	35,942	38,348	Reserves	138,297	110,374
Long-term trade debtors	825	0	Profit	26,946	27,923
DEFERRED EXPENSE	11,432	11,874	DEFERRED INCOME	123,410	77,076
			PROVISIONS FOR LIABILITIES AND EXPENSES	10,417	8,748
			LONG-TERM CREDITORS	113,604	85,815
			Debts with credit institutions	105,414	77,818
			Debt with group and associated companies	0	0
			Other creditors	8,190	7,997
CURRENT ASSETS	46,137	75,102	SHORT-TERM CREDITORS	60,479	84,075
Inventories	345	346	Debts with credit institution	2,597	2,575
Accounts receivable	28,466	36,823	Debt with group and associated companies	800	19,654
Short-term investments	15,151	34,635	Trade creditors	5,614	4,759
Cash and Banks	1,573	2,657	Other non-trade creditors	51,468	57,087
Deferred income and accruals	602	641			
TOTAL ASSETS	952,075	876,416	TOTAL LIABILITIES	952,075	876,416

(Pending auditor's report)

1.2. Profit and Loss Statement

	Thousand of euros		Thousand of euros		
DEBIT	2003	2002	CREDIT	2003	2002
EXPENSES:			INCOME		
Personnel costs	26,080	24,174	Port services	72,448	67,905
Provision for depreciation of fixed assets	21,845	21,411	Leases and authorizations	27,754	26,265
Change in trade provisions	-67	1,283	Other operating income	1,693	2,908
Other operating expenses					
External services	16,475	15,520			
Taxes	785	621			
Other	1,292	1,005			
Total operating expenses	66,410	64,014	Total operating income	101,895	97,078
OPERATING PROFIT	35,485	33,064			
Assimilated and financial expenses	2,632	2,995	Income from other negotiable instruments and credits from fixed assets	277	253
			Other assimilated and financial income	468	319
Total financial expenses	2,632	2,995	Total financial income	745	572
POSITIVE FINANCIAL RESULTS	0	0	NEGATIVE FINANCIAL RESULTS	1,887	2,423
PROFIT FROM ORDINARY ACTIVITIES	33,598	30,641			
Change in provisions for tangible and intangible fixed assets and control portfolio	132	335	Profits on disposal of tangible intangible fixed assets and control portfolio	2	5
Losses from fixed assets	875	533	Capital grant transferred to results	1,548	1,526
Extraordinary expenses	4,419	1,146	Extraordinary income	1,634	2,412
Expenses and losses from previous fiscal years	318	385	Income and profit from previous fiscal years	317	296
Total extraordinary expenses	5,744	2,399	Total extraordinary income	3,501	4,239
EXTRAORDINARY POSITIVE RESULTS	0	1,840	EXTRAORDINARY NEGATIVE RESULTS	2,243	0
PROFIT FROM OPERATIONS	31,355	32,481			
Interport Fund contribution	8,670	7,947	Interport Fund receivable	3,705	3,389
Corporation tax	-556	0			
PERIOD RESULTS (PROFIT)	26,946	27,923			

(Pending auditor's report)

1.3. Source and application funds statement

APPLICATIONS OF FUNDS	Thousand of euros		ORIGINS OF FUNDS	Thousand of euros	
	2003	2002		2003	2002
Fixed assets purchased	132,953	72,471	Recursos procedentes de las operaciones	53,807	49,549
Intangible	4,066	2,731	Period results without interport fund	31,911	32,481
Tangible	128,746	68,477	Provision for depreciation of fixed assets	21,845	21,411
Financial	141	1,263	Addition to reserves of fixed assets	375	426
			Depreciation of deferred expenses	442	456
Interport Fund contribution	8,670	7,947	Reserves for liabilities and expenses	2,860	623
			Losses from fixed assets	875	533
Long-term financial to short-term financial debts transferred	24,013	32,414	Miscellaneous	-243	-91
Debts with credit institutions	22,404	12,404	Excess of provisions for liabilities and expenses	-39	-2,851
Other	1,609	20,010	Profits accruing from fixed assets	-2	-5
			Capital subsidies transferred to results	-1,548	-1,526
Provisions for liabilities and expenses	1,152	2,371	Deferred income transferred to results from reverted leases	-1,201	-802
			Other income deferred	-1,357	-1,106
Long-term trade debts	825	1,565	Others	-111	0
			Deferred income	52,243	10,354
			Capital grants	36,776	7,316
			Other income deferred	15,467	3,038
			Interport Fund receivable	3,705	3,389
			Long-term debts	50,000	33,222
			With credit institutions	50,000	20,000
			With group and associated companies	0	13,222
			Disposal of fixed assets	7	66
			Others origins	2,482	13,976
			Short-term cancelation or transfer of financial fixed assets	2,482	619
			Short-term cancelation or transfer of trade creditors	0	13,357

APPLICATIONS OF FUNDS	Thousand of euros		ORIGINS OF FUNDS	Thousand of euros	
	2003	2002		2003	2002
TOTAL APPLICATIONS	167,613	116,768	TOTAL SOURCES	162,244	110,556
EXCESS OF SOURCES OVER APPLICATIONS			EXCESS OF APPLICATIONS OVER SOURCES	5,369	6,212

VARIATION IN WORKING CAPITAL	2003		2002	
	Increases	Decreases	Increases	Decreases
Inventories	-	1	17	-
Accounts receivable	-	8,357	2,194	-
Creditors	23,596	-	-	26,698
Short-term investments	-	19,484	16,870	-
Cash and banks	-	1,084	960	-
Deferred income and accruals	-	39	445	-
TOTAL	23,596	28,965	20,486	26,698
VARIATION IN WORKING CAPITAL	-	5,369	-	6,212

(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 climatic conditions, its land accesses, the location of lighthouses and beacons which facilitate maritime access, the distribution by use of the port's 828.9 ha of land (including the ZAL) and the draught along the more than 20 km of wharves. Finally, this chapter contains an inventory of the facilities and equipment in the Port.

Introduction

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

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

2 Technical characteristics of the Port

2.1. General data

2.1.1. Location

Latitude 41° 20,1' N

Longitude (Greenwich) 2° 10,2' E

2.1.2. Wind pattern

Prevailing, 3rd quadrant

Dominant, 4th. quadrant

2.1.3. Deep-water storm pattern

Significant wave height within a period of 50 years

7.93 m

2.1.4. Tides

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

Lowest water level with respect top port zero mark

0.134 m

Highest water level with respect to port zero mark

0.988 m

2.1.5. Entrances

2.1.5.1. Access canals

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

South Access Canal. Location, Dimensions and Characteristics:

An Access Canal or Traffic Separation Device is set up for the Sud entrance mouth. The right shore of the canal is determined by the bearing of 165° / 345° from the green light of the extension of the l'Est dyke, starting at the cut off point at a distance of two miles and finishes at the intersection of bearing 080° / 260° from the Llobregat lighthouse.

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

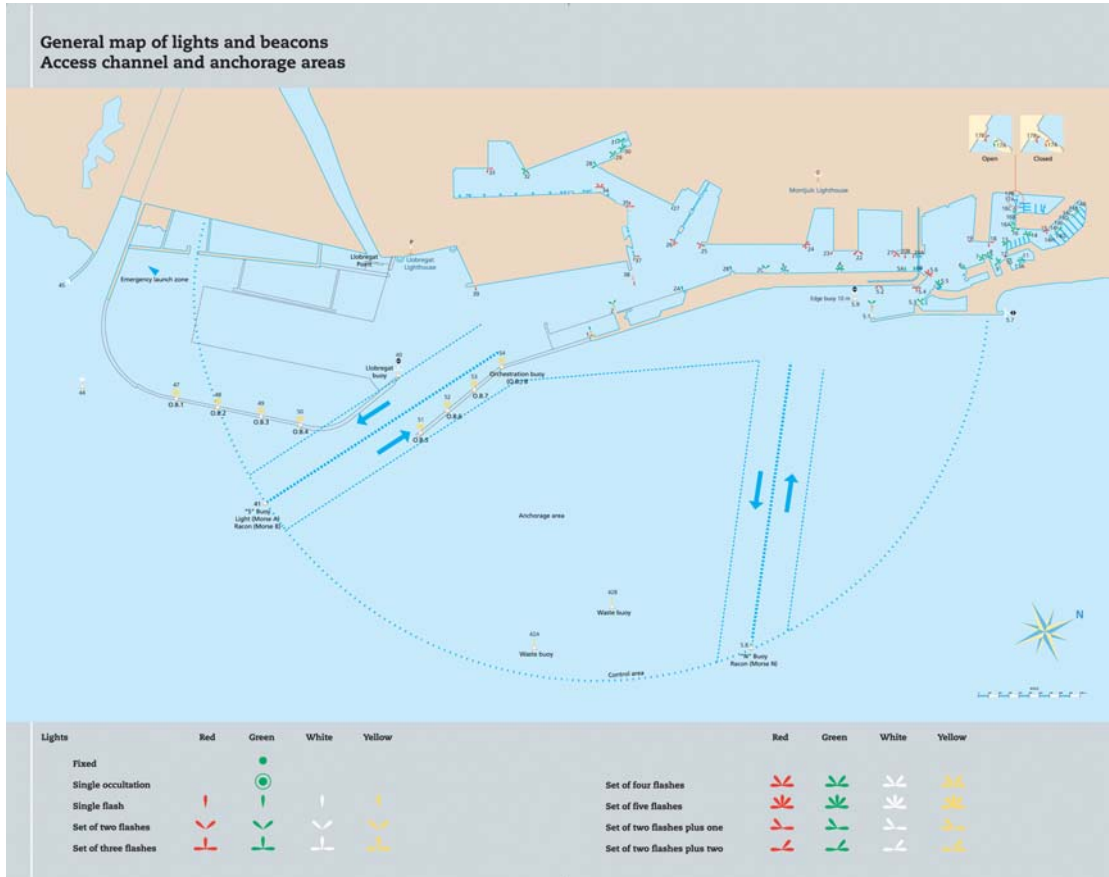
The landfall buoy "S" is located in the centre at the traffic separation zone and at its southern end at a distance of two miles from the green light, in situation: Latitude: 41° 18' 12" N and Longitude: 002° 10' 43" E.

North Access Canal. Location, Dimensions and Characteristics:

An Access Canal in the Nord entrance mouth is set up. The centre of North Access Canal is marked with a landfall buoy "N" located at Latitude: 41° 20' 06" N and Longitude: 02° 13' 03" E (bearing 125° Montjuïc Lighthouse at 2 miles of the green light of the North entrance mole).

It is oriented 305° entry / 125° exit. It is 5 cables wide and the South border of the canal delimits the anchorage area by the North. From a distance of 1/2 miles of the green light of the North entrance breakwater, the traffic will be one way (entry or exit).

2.1.5.1. bis Map of access chanel and anchorage areas



2.1.5.2. Entrance mouth

Sud entrance mouth	
Width	370 m
Depth at Water level	16 m
Maximum recorded current	2 knots

Nord entrance mouth	
Width	145 m
Depth at Water level	11.5 m

2.1.5.3. Use of tugs in vessel entry and exit

2.1.5.4. Largest vessel entered in last five years

	Greatest length	Greatest draught
Name	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	10.49	14.48

2.1.6. Flotation areas (ha)

2.1.6.1. Zone I

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

2.1.6.2. Zone II

	Communications	Anchorage	Rest	Total (ha)
Outerport	147.07	4.87	1,280.53	1,432.47

2.1.7. Land area (m2)

Sector	No APB area	Rip-Rap	Filling area	Operative area	Concession area	Railway and Road area	Public area	Rest areas APB	TOTAL
SECTOR 1									
Wharf 01 Adossat		56,168	176,598	45,217	59,804	65,556		7,049	410,392
Wharf 02 Llevant			135,448	5,029	3,454			585	144,516
Wharf 03 Dic Flotant				6,690					6,690
Wharf 05 Occidental					13,990	14,244	5,441		33,675
SECTOR 2									
Wharf 06 Catalunya					12,043	387			12,430
Wharf 08 Nou					8,032	4,722	9,441	1,820	24,015
Wharf 10 Pescadors	2,260.35			10,018	8,032		23,165	2,122	45,597
Wharf 11 Balears					68	4,793		5,215	10,077
Wharf 12 Rellotge				2,523	758	9,132	22,475	1,301	36,190
Wharf 13 Marina Port Vell	24,220			3,202	60,910	6,500	19,629	295	114,755
Wharf 14 Dipòsit	1,185.19				2,285	10,785	50,604	6,656	71,515
Wharf 15 Espanya				6,091	28,143	10,025	48,736		92,995
Wharf 16 Bosch i Alsina						21,435	42,954	669	65,058
Wharf 17A Drassanes						3,675	11,336	1,089	16,100
Wharf 17B Drassanes	4,613.67			4,958		1,327	2,362		13,262
Wharf 18 Barcelona				19,960	21,078	18,239	38,465	1,513	99,255
SECTOR 3									
Wharf 19 Sant Bertran	11,594			10,016	49,041	74,060	3,380	12,893	160,985
Wharf 20 Ponent				41,338	52,651	29,092			123,081
Wharf 21 Costa				22,842	18,520	10,766			52,129
Wharf 22 Contradic	908.87			16,858	53,135	43,322	884	12,962	128,069
SECTOR 4									
Wharf 23 Oest				5983.63	28523.32	26243.24		12423.50	73,174
Wharf 24 Sud	2,528.18	14,490		67,336	585,279	86,881		491	757,006
Wharf 25 Pantalà					9,728			2,536	12,265
SECTOR 5									
Wharf 26 Álvarez de la Campa				4,703.63	84,999.70	23,793.52		72,898.20	186,395
TIR	3,923.80				134,253	90,231.30	4,962	11,269.00	244,640
Wharf 27 Lepant				4,099	12,737	5,868			22,703
Wharf 28 Evaristo Fernández		1,538.63		8,503.70	39,381.50	4,358.59		69,231.40	123,014
SECTOR 6									
Wharf 29 Príncep d'Espanya	3,038.65			39,393	393,510	38,156	1,182	25,419	500,698
TRAM VI							5,188		5,188
Wharf 30 Dàrsena Sud				30,306	188,210	26,966	2,076	34,074	281,631
SECTOR 7									
Sud Zone		18,183	40,296	23,708	373,658	148,830	10,124	66,594	681,392
SECTOR 8									
Wharf 32 Inflamables		73,081	52,050	37,974	903,867	208,209	783	83,781	1,359,745
ZAL 1	63,208.16	9,198			424,331	154,169	62,121	247	713,276
ZAL 2									1,667,000
TOTAL PORT	117,481	172,658	404,392	416,750	3,570,420	1,141,767	365,308	433,132	8,288,910

2.1.8. Breakwaters (m)

Name	Length (m)	Characteristics
L'Est dyke	1,844	Sloping seawall natural breakwater
	1,844	Sloping seawall artificial breakwater
Nou Contradic wharf	510	Sloping seawall natural breakwater
Enlargement of Inflammables wharf	1,595	Sloping seawall natural breakwater
	1,145	Sloping seawall artificial breakwater
Nord entrance mouth	444	Vertical seawall
	986	Artificial breakwater
TOTAL	8,368	

2.2. Simplified map of lights and beacons

2.2.1. General map of lights and beacons



2.2.2. List of lights and beacons

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

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

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

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

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

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29930 31	WHARF 28 EVARISTO FDEZ. End of jetty.	Metal post, painted green, on a pyramidal base.	Green	Group of 2+1 flashes every 21 seconds. $0.5+4.5+0.5+1.5+0.5+13.5 = 21$.	2
29900 32	WHARF 29 PRINCEP D'ESPANYA Southern end.	Metal post, painted green, on a pyramidal base.	Green	Group of three flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$.	2
29890 33	WHARF 30 D'ARSENA SUD Southern end.	Metal post, painted red, on a pyramidal base.	Red	Group of two flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$.	2
29860 34	BUOY 2, ACCESS CHANNEL TO BASIN OF INFLAMABLES WHARF.	Red spar buoy.	Red	Groups of 4 flashes every 11 seconds. $(0.5+1.5) 3 \text{ times} + 0.5+4.5 = 11$.	1
29820 35	BUOY 1, ACCESS CHANNEL TO BASIN OF INFLAMABLES WHARF.	Red spar buoy.	Red	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$.	1
29800 37	End of Duc d'Alba	Post painted red	Red	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$.	1
29760 38	NOU CONTRADIC. Balisa al morro del contradic.	Torreta d'obra de fàbrica, cilíndrica, pintada de vermell, amb una franja white a la base.	Red	1 flash every 5 seconds. $0.5+4.5 = 5$.	5
29750 39	South end of the inflamables wharf.	Metal post, painted red, on a pyramidal base.	Red	Continuous flashes every second. $0.5+0.5 = 1$.	2
29670 40	RIVER LLOBREGAT BUOY Indicating the shallows at the 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. $0.3+0.7+0.3+0.7+0.3+7.7 = 10$.	5
29680 41	SIERRA BUOY, 2.7 MILES SOUTH FROM THE END OF L'EST DYKE AND 2 MILES 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. $0.5+0.5+1.5+7.5 = 10$. Racon Morse (letter B).	3
29681-a 42A	WASTE BUOY AT 2 MILES EAST FROM THE END OF L'EST DYKE	Cylindrical beacon buoy painted yellow	Yellow	1 flash every 5 seconds	$0.5+4.5=5$ 3
29681-b 42B	WASTE BUOY AT 2 MILES EAST FROM THE END OF L'EST DYKE	Cylindrical beacon buoy painted yellow	Yellow	1 flash every 5 seconds	$0.5+4.5=5$ 3
29655-a 44	BUOY DIC SUD. WORKS- ENLARGING PORT.	Cylindrical pillar buoy with radar reflector (marks the East quadrant cardinal), painted black with a horizontal yellow band in the centre.	White	Group of 3 flashes every 10 seconds. $0.3+0.7+0.3+0.7+0.3+7.7 = 10$.	5

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29650 45	SEAWALL RIGTH BORDER NEW MOUTH LLOBREGAT RIVER.	Metal post, painted black with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Group of 3 flashes every 10 seconds. 0.3+0.7+0.3+0.7+0.3+7.7 = 10.	3
29655.1 47	ORCHESTRATION BUOY No 1	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29655.2 48	ORCHESTRATION BUOY No 2	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29655.3 49	ORCHESTRATION BUOY No 3	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29655.4 50	ORCHESTRATION BUOY No 4	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29670.4 51	ORCHESTRATION BUOY No 5	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29670.3 52	ORCHESTRATION BUOY No 6	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29670.2 53	ORCHESTRATION BUOY No 7	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3
29670.1 54	ORCHESTRATION BUOY No 8	Cylindrical beacon buoy painted yellow	Yellow	5 flashes every 20 seconds. 1+1+1+1+1+1+1+1+1 = 20.	3

2.3. Wharves and berths

2.3.1. Classification by basin

2.3.1.1. Service

Names	Lenght (m)	Draught (m)	Width (m)	Uses
COMMERCIAL BASINS				
Wharf 00A Adossat Mod. 10-ramp	30.00	16.00	30.0	Ro-ro vessels
Wharf 00A Adossat Mod. 1-10	480.00	16.00	192.0	Passengers/ro-ro/lo-lo/general cargo
Wharf 01C Adossat Mod. 1-ramp	30.00	16.00	30.0	Ro-ro vessels
Wharf 01C Adossat Mod. 1-4	178.00	16.00	170.0	Passengers/ro-ro/lo-lo/general cargo
Wharf 01D Adossat Mod. 28-ramp	23.50	9.50	26.0	Ro-ro vessels
Wharf 01D Adossat Mod. 17-28	588.00	12.00	75.50	General cargo
Wharf 01D Adossat Mod. 17-ramp	21.10	12.00	31.0	Ro-ro vessels
Wharf 01E Adossat Mod. 16-ramp	21.10	11.80	31.0	Ro-ro vessels
Wharf 01E Adossat Mod. 1-16	765.00	11.80	75.50	Passengers
Wharf 15B Espanya (East)	235.00	8.60	12.0	Passengers and representative vessels
Wharf 17A Drassanes	99.50	7.00	23.0	Passengers/Ro-ro
Wharf 17B Drassanes (ramp)	29.00	7.00	15,60	Passengers/Ro-ro

Names	Lenght (m)	Draught (m)	Width (m)	Uses
Wharf 18A Barcelona (North) (W ramp)	24.20	8.00	15.60	Passengers/Ro-ro
Wharf 18A Barcelona (North)	481.00	8.00	80.0	Passengers/Ro-ro
Wharf 18B Barcelona (East)	160.00	9.50	40.0	Passengers
Wharf 18C Barcelona (South)	430.00	9.00	80.0	Passengers/Ro-ro
Wharf 18C Barcelona (South) (W ramp)	25.00	9.00	25.0	Passengers/Ro-ro
Wharf 19A Sant Bertran (N ramp)	25.00	11.00	0.0	Passengers/Ro-ro
Wharf 19A Sant Bertran	258.00	11.00	83.0	Passengers/Ro-ro
Wharf 19A Sant Bertran (S ramp)	30.00	11.00	0.0	Passengers/Ro-ro
Wharf 19B Sant Bertran (N ramp)	30.00	11.00	0.0	Passengers/Ro-ro
Wharf 19B Sant Bertran	221.00	11.00	83.0	Passengers/Ro-ro
Wharf 19B Sant Bertran (S ramp)	22.00	11.00	0.0	Passengers/Ro-ro
Wharf 20A Ponent (North) (W ramp)	23.00	7.80	0.0	Passengers/Ro-ro
Wharf 20A Ponent (North) (section 1)	297.00	7.80	45.0	General cargo (Lo-lo and Ro-ro vessels)
Wharf 20A Ponent (North) (E ramp)	30.50	7.80	45.0	Ro-ro vessels
Wharf 20B Ponent (North) (section 2)	89.60	7.80	29.0	General cargo
Wharf 20C Ponent (East)	230.20	9.50	33.0	General cargo
Wharf 20D Ponent (South)	433.70	11.20	62.0	General cargo
Wharf 20D Ponent (South)	30.15	11.20	16.0	Ro-ro vessels
Wharf 21A Costa	452.00	11.20	66.0	General cargo, liquid bulk and ro-ro
Wharf 22A Contradic (North)	419.00	9.50	85.0	Liquid and solid bulk for special facilities
Wharf 22B Contradic (East)	241.00	10.80	13.0	Solid bulk for special facilities
Wharf 22C Contradic (South)	419.00	12.00	160.0	Bulk products, General cargo and Ro-ro
Wharf 23A Oeste	200.00	12.00	77.0	Solid bulks
Wharf 24B Sud (northern part)	350.00	12.00	220.0	Containers
Wharf 24B Sud (eastern part) Mod. 1-10	450.00	14.00	100.0	Containers
Wharf 24B Sud (eastern part) Mod.10-20	562.00	16.00	100.0	Containers
Wharf 26A Álvarez de la Campa (ramp)	30.00	12.00	0.0	Ro-ro vessels
Wharf 26A Álvarez de la Campa	180.00	12.00	0.0	Ro-ro vessels
Wharf 26B Álvarez de la Campa (section 1)	150.00	12.00	0.0	Containers
Wharf 26B Álvarez de la Campa (section 3)	150.00	8.50	0.0	Containers
Wharf 26B Álvarez de la Campa (section 4)	80.00	8.50	0.0	Cement for special facilities
Wharf 26B Álvarez de la Campa (section 5)	150.00	6.50	0.0	Containers
Wharf 26C Álvarez de la Campa	90.00	6.50	0.0	Containers
Wharf 27A Lepant (berth number 1)	79.50	7.00	42.0	Ro-ro vessels
Wharf 27B Lepant (berth number 2)	123.50	7.80	25.0	Ro-ro vessels
Wharf 27C Lepant (berth number 3)	170.00	11.00	15.0	Towboats base
Wharf 28A Evaristo Fernández	152.00	7.00	65.0	Towboats base/moorage
Wharf 29A Príncep d'Espanya	123.40	8.00	45.0	Containers
Wharf 29A Príncep d'Espanya	964.60	14.00	150/500.0	Containers
Wharf 30A Dàrsena Sud	278.00	12.00	150.0	General cargo
Wharf 30B Dàrsena Sud	209.00	12.00	190.0	General cargo and Ro-ro vessels
Wharf 30B Dàrsena Sud (N ramp)	25.00	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 30C Dàrsena Sud	332.30	12.00	50/100.0	Ro-ro vessels (automobiles)
Wharf 30C Dàrsena Sud (W ramp)	20.30	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 31A Dàrsena Interior	286.00	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 31B Dàrsena Interior	96.00	7.00	0.0	Ro-ro vessels (automobiles)
Wharf 31B Dàrsena Interior, mòd. 5 de punta	125.00	8.00	0.0	Ro-ro vessels (automobiles)
Wharf 32 Inflamables (7 berths)	1,190.00	12.00	0.0	Liquefied gases and liquids
TOTAL	13,438.15			

Names	Lenght (m)	Draught (m)	Width (m)	Uses
FISHING BASINS				
Wharf 11A de Balears	217.50	8.00	10.0	Fishing
Wharf 11B de Balears	61.00	8.00	21.0	Fishing
Wharf 11C de Balears	261.00	9.60	50.0	Fishing
Wharf 11B de Pescadors	68.50	8.00	35.0	Fishing
TOTAL	608.00			
OTHER BASINS				
Wharf 01B Adossat	252.00	4.00	0.0	Auxiliary vessels
Wharf 02B de Llevant (2nd alignment)	203.50	8.00	60.0	Auxiliary vessels
Wharf 02C de Llevant (1st alignment)	156.00	8.00	45.0	Auxiliary vessels
Wharf 03 Dic Flotant	210.00	6.00	0.0	repairs and workshops
Wharf 05A Occidental (head)	58.50	9.00	10.0	repairs and workshops
Wharf 05B Occidental (West)	210.00	9.00	19,50	Floating repairs
Wharf 06A Catalunya Sud	35.00	8.00	5,50	Repairs and outfitting
Wharf 06B Catalunya (head)	50.00	8.00	18.0	Repairs and outfitting
Wharf 06C Catalunya Nord	214.00	8.00	26.0	Repairs and outfitting
Wharf 08 Nou 'A'	230.00	8.00	42.0	Pleasure craft
Wharf 08 Nou 'B'	66.00	8.00	42.0	Repairs and outfitting
Wharf 10C de Pescadors (North)	140.00	8.00	35.0	Fishing
Wharf 12 del Relotge	218.00	8.00	65.0	Pleasure craft
Wharf 13 Marina Port Vell	290.00	8.00	52.0	Pleasure craft
Wharf 14 del Dipòsit (2nd alignment)	140.00	8.00	61.0	Pleasure craft
Wharf 14 del Dipòsit (1st alignment)	108.00	8.00	40.0	Pleasure craft
Wharf 15A d'Espanya NE	437.00	8.30	34.0	Port Vell
Wharf 15B d'Espanya East	184.00	8.60	38.0	Port Vell
Wharf 15A d'Espanya South	123.00	7.60	36.0	Port Vell
Wharf 15A d'Espanya (southern corner)	53.00	7.60	0.0	Port Vell
Wharf 15A d'Espanya West-2	283.50	7.60	45.0	Pleasure craft
Wharf 15A d'Espanya West-1	241.50	7.60	19.0	Pleasure craft
Wharf 16 de Bosch i Alsina	507.00	6.60	55.0	Non-commercial vessels, fueling vessels
Wharf 17A de Drassanes	97.00	7.00	0.0	Local traffic
TOTAL	4,507.00			
TOTAL DÀRSENAS DEL SERVICIO	18,553.15			

2.3.1.2. Private

Names	Length (m)	Draught (m)	Width (m)	Uses
COMMERCIAL BASINS				
Wharf 01B Adossat	130.00	10.50	0.00	Solid bulk, special facilities
Wharf 25 Pantalà				
Wharf 25C Platform 3 North	250.00	11.50	0.00	Petroleum products
Wharf 25D Platform 3 South	250.00	11.50	0.00	Petroleum products
Wharf 25B Platform 2 North	200.00	10.50	0.00	Petroleum products
Wharf 25E Platform 2 South	200.00	10.50	0.00	Petroleum products
Wharf 25A Platform 1 North	150.00	8.40	0.00	Petroleum products
Wharf 26C Álvarez de la Campa (2nd stretch)	250.00	12.00	100/200	Solid and liquid bulk, special facilities
Wharf 32H Inflamables	258.00	12.00	0.00	Liquefied natural gas
TOTAL	1,688.00			
FISHING BASINS				
None				
OTHER BASINS				
Wharf 07C Marina '92	126.00	8.00	51.80	Vessel repairs
Wharf 07B Marina '92	103.50	8.00	-	Vessel repairs
Wharf 07A Marina '92	126.00	8.00	51.80	Vessel repairs
TOTAL	355.50			
TOTAL PRIVATE BASINS	2,043.50			

2.3.2. Classification by use and draught

Uses	Linear metres with draught 'D'						Total (m)
	D>=12m	12m>D<=10m	10m>D>=8m	8m>D>=6m	6m>D>=4m	D<4m	
SERVICE							
Commercial wharves							
Conventional cargo	1,524.00	885.70	230.20	386.60	-	-	3,026.50
Containers	2,476.60	-	273.40	240.00	-	-	2,990.00
Ro-ro berths	1,163.70	221.25	148.50	481.50	-	-	2,014.95
Solid bulk, no special facilities	419.00	-	-	-	-	-	419.00
Solid bulk, special facilities	200.00	241.00	499.00	-	-	-	940.00
Liquid bulk	1,190.00	-	-	-	-	-	1,190.00
Passengers	-	1,351.00	1,355.20	151.50	-	-	2,857.70
Other wharves							
Fishing	-	-	608.00	-	-	-	608.00
Outfitting, repairs and shipbreaking	-	-	633.50	210.00	-	-	843.50
Miscellaneous	-	-	2,106.50	1,305.00	252.00	-	3,663.50
TOTAL SERVICE	6,973.30	2,698.95	5,854.30	2,774.60	252.00	-	18,553.15
PRIVATE							
Commercial wharves							
Conventional cargo	-	-	-	-	-	-	-
Containers	-	-	-	-	-	-	-
Ro-ro berths	-	-	-	-	-	-	-
Solid bulk, no special facilities	-	-	-	-	-	-	-

Uses	Linear metres with draught 'D'						Total (m)
	D>=12m	12m>D<=10m	10m>D>=8m	8m>D>=6m	6m>D>=4m	D<4m	
Solid bulk, special facilities	250.00	130.00	-	-	-	-	380.00
Liquid bulk	258.00	900.00	150.00	-	-	-	1,308.00
Passengers	-	-	-	-	-	-	-
Other wharves	-	-	-	-	-	-	-
Fishing	-	-	-	-	-	-	-
Outfitting, repairs and shipbreaking	-	-	355.50	-	-	-	355.50
Miscellaneous	-	-	-	-	-	-	-
TOTAL PRIVATE	508.00	1,030.00	505.50	-	-	-	2,043.50
TOTAL SERVICE AND PRIVATE	7,481.30	3,728.95	6,359.80	-	-	-	20,596.65

2.4. Storage facilities

2.4.1. Storage facilities

Wharf	Designation	Uncovered (m2)	Covered and open		Closed			Total area (m2)
			Area (m2)	Height (m)	Ground-floor area (m2)	Height (m2)	No. of floors	
SERVICE								
Wharf 01 Adossat								
Id.	Wharf Adossat phase 1	95,000						95,000
Id.	Yard (Saport-Mapor, S.A.)	32,975	-	-	-	-	-	32,975
Id.	Hangars (Saport-Mapor, S.A.)	-	-	-	14,355	6	1	14,355
Id.	Hangar 1 (some)	-			3,264	6	1	3,264
	Nord entrance mouth	75,538						75,538
Wharf 19 Sant Bertran								
Id.	Yard (Trasmediterránea, S.A.)	32,083	-	-				32,083
Id.	Hangar 3 (some)	-	-	-	8,640	7	1	8,640
Wharf 20, 21 Ponent, Costa								
Id.	Yard (Port Nou, S.A.)	52,702	-	-				52,702
Id.	(Port Nou)		-	-	19,442	7	1	19,442
Wharf 22 Contradic.								
Id.	South Yard	12,840	-	-	-	-	-	12,840

Wharf	Designation	Uncovered (m2)	Covered and open		Closed			Total area (m2)
			Area (m2)	Height (m)	Ground-floor area (m2)	Height (m2)	No. of floors	
Muelle 23 Oeste								
Id.	Yard	14,820						14,820
Muelle 24 Sur								
Id.	Yard (T.C.B.)	446,882						446,882
Id.	Hangars (T.C.B.)		-	-	14,400	8	1	14,400
Wharf 26 Álvarez de la Campa								
Id.	Yard (Estibadora de Ponent)	67,974	-	-		-	-	67,974
Id.	Hangar (Estibadora de Ponent)		-	-	900	6	1	900
Álvarez de la Campa Street								
Id.	Yard (some)	10,700						10,700
Id.	Hangars (some)				4,460			4,460
Wharf 27 Lepant								
Id.	Yard (Estibadora de Ponent)	48,300						48,300
Id.	Hangar (some)				4,800	6	1	4,800
Wharf 28 Evaristo Fernández								
Id.	Yard (UTE Rebarsa)	7,437	-	-				7,437
Id.	Hangar	-	-	-	1,500	8	2	2,100
Old T.I.R								
Id.	Yard (some)	133,206						133,206
Wharfs 29, 30 Príncep d'Espanya and Dàrsena Sud								
Id.	Yard (Tercat)	323,270						323,270
Id.	Hangar (Tercat)		-	-	26,145	8	1	26,145
Tram VI								

Wharf	Designation	Uncovered (m2)	Covered and open		Closed			Total area (m2)
			Area (m2)	Height (m)	Ground-floor area (m2)	Height (m2)	No. of floors	
Id.	Yard (Tercat)	109,913	-	-	-			109,913
Id.	Hangar		-	-	34,858	6	1	34,858
Wharf 31 Dàrsena Sud		-	-	-		8	1	
Id.	Yard (Tercat)	348,280	-	-	-	-	-	348,280
Id.	Hangar				1,640	6	1	1,640
Wharf 32 Inflamables			-	-		-	-	
Id.	Yard (tancs)	496,232	-	-		-	-	496,232
Id.	Yard (widening)	605,372						605,372
TOTAL SERVICE		2,913,524			134,404			3,048,528

2.4.2. Bonded storage facilities

Wharf	Designation	Uncovered (m2)	Covered and open		Closed			Total area (m2)
			Area (m2)	Height (m)	Ground-floor area (m2)	Height (m)	No. of floors	
Wharf 26 Álvarez de la Campa	Depots	-	-	-	45,000	-	-	45,000.00
Wharf 26 Álvarez de la Campa (Consorti Zona Franca)	Yards	13,086.50	-	-	-	-	-	13,086.50
TOTAL		13,086.50	-	-	45,000	-	-	58,086.50

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
Port Authority of Barcelona	120	19	4.50	4,500	1974

2.5.3. Slipways

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

*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	1,052.00
Wharf 02 Llevant	North Wind Yard, SL	None	6,939.30
Wharfs 03 Floating dry dock / 05 Occidental / 06 Catalunya	Unión Naval Barcelona	None	31,013.00
Wharf 08 Nou	Marina Barcelona-92, SA	None	36,997.55

2.5.5. Refrigerated warehouses and ice factories

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

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	1,500 m2
Net dryers	Wharf 10 Pescadors	APB	2,500 m2
Buildings for fishing industry	Wharf 10 Pescadors	APB	779 buildings
Buildings for fishing industry	Wharf 11 Balears	APB	687 buildings
Repair-net store	Wharf 11 Balears	APB	2,013 m2

2.5.7. Passenger terminals

Location	Owner	Traffic handled	Area (m2)	No. of floors	Total area (m2)
Wharf 01 Adossat	Creuers Port Barcelona	EE.MM.A Internacional	3,360	1	3,360
Wharf 01 Adossat	Creuers Port Barcelona	EE.MM.B Internacional	7,274	1	7,274
Wharf 18 Barcelona (North)	Creuers Port Barcelona	Intenacional	1,934	4	4,986
Wharf 18 Barcelona (South)	Creuers Port Barcelona	Intenacional	1,934	4	5,913
Wharf 18 Barcelona	APB	Balears	670	2	1,400
Wharf 19 Sant Bertran	Trasmediterránea	Internacional i Balears	2,259	2	4,307
Wharf 15B Espanya	APB	Internacional	516	1	516
Wharf 20 Ponent	APB	Internacional	150	1	150

2.5.8. Official buildings

Location	Owner	User	Use	Area and characteristics
Wharf 14 Dipòsit	Technical University of Catalonia	Navigation Faculty	School	1,480 m2 building Rest of plot 2,085 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 (300 m2 per floor)
Wharf 24 Sud	APB	Ministry of Agriculture	Veterinary inspection	5,185 m2
Tram V	APB	Civil Guard / Carriers	Offices	3,730 m2 building
Tram V	APB	Estibarna	Offices and contracting	1,661 m2 building Rest of plot 5,600 m2
Tram VI	APB	APB	ASTA building	19,500 m2
Tram VI	DGMM	DGMM	Harbour Master's office and Maritime traffic control	4,862 m2
Tram VI	APB	Estibarna	Formation centre	1,608 m2
Tram VI	Generalitat of Catalonia	Agriculture, cattle raising and fishing Department	Laboratory	1,964 m2 building Rest of plot 1,642 m2

2.5.9. Other commercial and public buildings and facilities

Location	Owner	User	Use	Area and characteristics
Wharf 01B Adossat	Cemex España	Cemex España	Cement silo	Area: 3,750 m2
Wharf 09 Escar	APB	-	Shop	108 m2
Wharf 09 Escar	APB	APB	APB Pensioners / Naval League	Area: 780 m2
Wharf 16 Bosch i Alsina	APB	APB	Health service centre	Building: 600 m2
Wharf 22 Contradic	Ergransa	Ergransa	Receiving station for grain and seeds	Silos with capacity for 170,000 m3
Wharf 22 Contradic	Moyresa	Moyresa	Store	5,395 m2
Wharf 22 Contradic	Portcemen, SA	Portcemen, SA	Silo for clinker and cement	Area: 10,675 m2 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 32 Inflamables	Ecoimsa	Ecoimsa	Waste treatment	Plot: 11,921 m2
Wharf 32 Inflamables	APB	Various	Laboratory and offices	324 m2
Anselm Clavé street	APB	Port 2000	Headquarters Port 2000, offices	-
Tram VI	APB	Damex	Offices	460 m2
Street Álvarez de la Campa	APB	Grúas JJ, SA	Offices	60 m2

2.6. Ship supply facilities

2.6.1. Fuel supply

Type of supply	Location	No. of intakes	Hourly capacity of each intake	Hourly wharf intake capacity	Supplier
Diesel (fishing)	Wharf 11 Balears	1	2 t	2 t	REPSOL
Petrol and diesel	Marina Port Vell	4	1,5 t	6 t	PETROCAT
Petrol and diesel	Wharf 16 Bosch i Alsina	2	2 t	4 t	CEPSA
Diesel and fuel-oil	Entire port (tanker)	-	100/300 m3	-	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	26	25 m3	100 m3	APB
Id.	Wharf 01 Adossat	11	25 m3		Creuers de Barcelona
Id.	Wharf 15A Espanya	6	25 m3	75 m3	APB
Id.	Wharf 16 Bosch i Alsina	4	25 m3	75 m3	APB
Id.	Wharf 17 Drassanes	3	20 m3	50 m3	APB
Id.	Wharf 18A Barcelona N	8	25 m3	100 m3	APB
Id.	Wharf 18A Barcelona N	3	25 m3		Creuers de Barcelona
Id.	Wharf 18B Barcelona E	3	25 m3	100 m3	APB
Id.	Wharf 18C Barcelona S	6	25 m3	100 m3	APB
Id.	Wharf 18C Barcelona S	3	25 m3		Creuers de Barcelona
Id.	Wharf 19 Sant Bertran	17	25 m3	100 m3	APB
Id.	Wharf 29 Ponent N.	14	25 m3	75 m3	APB
Id.	Wharf 20 Ponent E.	10	25 m3	75 m3	APB
Id.	Wharf 20 Ponent S.	14	25 m3	100 m3	APB
Id.	Wharf 21 Costa	4	25 m3	75 m3	APB
Id.	Wharf 22 Contradic N.	7	25 m3	100 m3	APB
Id.	Wharf 22 Contradic E.	6	25 m3	100 m3	APB
Id.	Wharf 22 Contradic S.	5	25 m3	100 m3	APB
Id.	Wharf 23 Oest	8	30 m3	100 m3	APB
Id.	Wharf 24 Sud (North side)	14	30 m3	100 m3	APB
Id.	Wharf 24 Sud (East side)	40	30 m3	100 m3	APB
Id.	Wharf 26 Álvarez de la Campa (North)	4	30 m3	100 m3	APB
Id.	Wharf 26 Álvarez de la Campa (East)	11	30 m3	100 m3	APB
Id.	Wharf 27 Lepant	8	30 m3	75 m3	APB
Id.	Wharf 28 Evaristo Fernández	0	25 m3	75 m3	APB
Id.	Wharf 29 Príncep d'Espanya	23	30 m3	100 m3	APB
Id.	Wharf 30 Dàrsena Sud	18	30 m3	100 m3	APB
Id.	Wharf 31 Dàrsena Interior	15	30 m3	100 m3	APB
Id.	Wharf 32 Inflamables	8	17 m3	70 m3	APB
Id.	Wharf 33 Nou Contradic	2	25 m3	40 m3	APB
TOTAL		301			

2.7. Internal communication and land access

2.7.1. Internal communications

Road

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

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

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 33.475 km long, 15.45 km of which are Iberian gauge, 5 km of the gauge employed by the Ferrocarrils de la Generalitat de Catalunya and 4.700 km of mixed gauge (Iberian-Ferrocarrils de la Generalitat de Catalunya) and 3.63 km of mixed gauge (iberian-european).

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

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

The Sud wharf is equipped with a container rail terminal.

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

2.7.2. Land accesses

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

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.
- C-32 Motorway, linking with the south and west.
- C-58 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.
- C-31 Motorway, linking up to the N II highway to the French border.
- N II highway, to the west, centre and north of the country.
- C-17 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.

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

Pipelines

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

Start	Diameter	Product	Destination
-------	----------	---------	-------------

Inflamables Wharf (Enagas Terminal)	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 ring

2.7.3. By other means

(Not applicable)

2.8. Dockside cargo-handling equipment

2.8.1. Cranes

2.8.1.1. Dock cranes

Location Wharf Dock cranes	Owner	No. and type	Make	Energy used	Characteristics			Output under normal operating conditions lifts/hour	Year of construction
					Strength (t)	Reach (m)	Height above water level (m)		
Adossat	Saport-Mapor	2 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1978
Ponent N.	T. Port Nou	2 Gantry	Bynsa	(C.a.) 440 v.	6	22	25	25	1982
Ponent E.	T. Port Nou	4 Gantry	Bynsa	(C.a.) 440 v.	6	22	25	25	1982
Ponent S.	T. Port Nou	1 Bridge crane	Demag	A.T. 6.000 v.	40	35	27	35	1969
Costa	T. Port Nou	2 Gantry	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Costa	T. Port Nou	1 Gantry	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Costa	TERCAT	1 Gantry	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Contradic S.	APB	4 Gantry	Macosa	(C.a.) 440 v.	16	35	23	30	1988
Oest	APB	3 Gantry	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Sud N.	TCB	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	27	35	1982
Sud N.	TCB	1 Bridge crane	Paceco	A.T. 6.000 v.	35	28,5	25	32	1990
Sud E.	TCB	1 Bridge crane	Paceco	A.T. 6.000 v.	50	35	27	35	1996
Sud E.	TCB	2 Bridge crane	Kone	A.T. 6.000 v.	50	47	33	35	1993
Sud E.	TCB	2 Bridge crane	Kone	A.T. 6.000 v.	50	47	33	35	1999
Sud E.	TCB	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	27	35	1982
Sud E.	TCB	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	27	35	1988
Álvarez Campa	Est. de Ponent	1 Bridge crane	Paceco	A.T. 6.000 v.	33,5	35	24	30	1966
Álvarez Campa	Est. de Ponent	3 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Álvarez Campa	Transportes Marítimos Alcudia, SA	1 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Álvarez Campa	Transportes Marítimos Alcudia, SA	1 Gantry	Imenasa	(C.a.) 440 v.	28	23	20	30	1980
Lepant	Est. Ponent	1 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Lepant	Est. Ponent	1 Bridge crane	Paceco	(C.a.) 440 v.	41	33	25	25	1985
Príncep d'Espanya	TERCAT	2 Bridge crane	B.W.	A.T. 6.000 v.	50	35	24	30	1972
Príncep d'Espanya	TERCAT	2 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	33	35	1998
Príncep d'Espanya	TERCAT	2 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	33	35	1999
Príncep d'Espanya	TERCAT	2 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	35	35	2001
TOTAL		45							

2.8.1.2. Mobile cranes

Owner	No.	Make	Energy used	Strength (tonnes)	Year of construction
Grúas J.J., S.A.	1	Liebherr	Diesel oil	160 t	2001
Grúas J.J., S.A.	1	Liebherr	Diesel oil	120 t	1997
Grúas J.J., S.A.	2	Liebherr	Diesel oil	50 t	1995/97
Grúas J.J., S.A.	2	Luna	Diesel oil	35 t	1989/92
Grúas J.J., S.A.	3	Liebherr	Diesel oil	25 t	1990/92
Grúas J.J., S.A.	1	C- grua Iveco	Diesel oil	20 t	
Grúas J.J., S.A.	1	Liebherr	Diesel oil	450 t	1998
Grúas J.J., S.A.	1	Luna	Diesel oil	50 t	2002
Grúas J.J., S.A.	1	Liebherr	Diesel oil	70 t	1993
Grúas J.J., S.A.	3	Liebherr	Diesel oil	40 t	1991/96/97
Grúas J.J., S.A.	1	Liebherr	Diesel oil	100 t	1989
Grúas J.J., S.A.	1	Góndola Gontrailer	Diesel oil	100	
Grúas J.J., S.A.	2	Trailer- Mercedes	Diesel oil	30 t	
Grúas J.J., S.A.	2	Liebherr	Diesel oil	60 t	2003
Grúas J.J., S.A.	1	Liebherr	Diesel oil	90 t	1999
Grúas J.J., S.A.	1	Trailer- Iveco	Diesel oil	90 t	
Grúas J.J., S.A.	1	Trailer- Iveco Plataf. Ext.	Diesel oil	65 t	
Grúas J.J., S.A.	7	Gontrailer	Diesel oil	9/22 t	
Grúas J.J., S.A.	1	Góndola Gontrailer	Diesel oil	50 t	
Grúas J.J., S.A.	1	Liebherr	Diesel oil	300 t	2000
Saport-Mapor, S.A.	1	Demag 2000 Q	Diesel oil	62 t	1984
Saport-Mapor, S.A.	1	Gotwald HMK-280E	Diesel oil	100 t	2002
Terminal Catalunya, S.A.	3	Gotwald HMK 300 EG	Diesel oil	28 t	93/98/99
Terminal Catalunya, S.A.	1	Gotwald HMK 280 EG	Diesel oil	22 t	
Terminal Catalunya, S.A.	2	Gotwald HMK-330	Diesel oil	33 t	
Terminal Port-Nou, S.A.	1	Demag MCQ 2000	Diesel oil	52,5 t	1990
TOTAL	43				

2.8.1.3. Number of cranes. Summary

Type	Service	Private	Total
Gantry			
Over 12 t	4	10	14
12 t	3	2	5
6 t	-	6	6
3 t	-	-	-
Total gantry	7	18	25
Bridge cranes (container carriers)	-	20	20
Mobile cranes	-	43	43
Other cranes	-	-	-
TOTAL	7	81	88

2.8.2. Special loading and discharge facilities

Location	Owner	Characteristics	Area and capability	Year of construction
Wharf 01 B Adossat	Cemex España, SA	Cement depot-silo	8,641.68 m ² 18,000 m ³	1991
Wharf 19 Sant Bertran	Demagrisa	Liquid bulk tanks	4,141 m ² 16,872.39 m ³	1966 *
Wharf 22 Contradic (N)	Tramer, SA	Soya bean milling plant	13,000 m ²	1935-41-69
Wharf 22 Contradic (E)	Ergransa	Grain and seed receiving station	12,908 m ² 171,670 m ³	1963-80
Wharf 22 Contradic (S)	Loiret & Haentjens España, SA	Molasses and sugar bulk silos	3,002 m ² 4,520 m ³	1991
Wharf 22 Contradic (S)	Moyresa	Oil products bulk silos	5,395 m ² 12,305 m ³	1966
Wharf 22 Contradic (S)	Portcemen, SA	Silos for cement and clinker	10,675.20 m ² 72,000 m ³	1975
Wharf 22 Contradic (S)	Sadesa	Liquid bulk tanks	6,278 m ² 33,490 m ³	1963
Wharf 23 Oest	Moyresa	Soya bean milling plant	31,790 m ²	1979-81
Wharf 24 Oest	CLH, SA	Oil tanks	168,305 m ² 408,000 m ³	1929-76
Wharf 26 Álvarez de la Campa	Cargill España, SA	Soya bean milling plant	38,123 m ²	1979
Wharf 26 Álvarez de la Campa	Cemex España, SA	Silos for cement	1,276 m ² 9,800 m ³	1969
Wharf 32 Inflamables	Decal España, SA	Chemical and oil tanks	95,607 m ² 445,000 m ³	1992-01-02
Wharf 32 Inflamables	Koalagas, SA	Propane gas tanks	12,000 m ² 4,000 m ³	1992-01
Wharf 32 Inflamables	Terquimsa.	Chemical products tanks	32,231 m ² 45,600 m ³	1975
Wharf 32 Inflamables	Terminales Portuarias, SL	Chemical and oil tanks	154,901 m ² 273,392 m ³	1973-80-95-01
Wharf 32 Inflamables	Relisa	Oil bulk tanks	16,930 m ² 98,476 m ³	1975
Wharf 32 Inflamables	Enagas, SA	Discharge and storage of liquefied gases	271,263 m ² 240,000 m ³	1969

(*) Withdrawals along the year

2.8.3. Mobile rail material

Location	Owner	Characteristics	Power	Year of construction
Wharf 24 Sud	RENFE	Manoeuvring locotractor	172 kW	1997
Can Tunis Station	ZEPHIR	Manoeuvring locotractor	155 kW	1997

2.8.4. Auxiliary loading, discharge and transport material

Type of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Weighbridges	Cemex	1	----	Electricity	----	
Hopper	Cemex	2	----	Electricity	----	
Buckets	Coma y Ribas, S.L.	3	Mecsa	----	9.5 m3	1985
Buckets	Coma y Ribas, S.L.	1	Omega	----	4 m3	1960
Buckets	Coma y Ribas, S.L.	1	Viana	----	6.5 m3	1985
Tows	Coma y Ribas, S.L.	6	----	----	----	----
Hopper	Coma y Ribas, S.L.	2	----	----	35 m3	1988
Fork-lift trucks	Coma y Ribas, S.L.	1	Caterpillar	Diesel oil	4 t	1996
Buckets	Coma y Ribas, S.L.	1	Mecsa	----	7 m3	1996
Fork-lift trucks	Compañía Trasmediterránea, S.A.	1	Hyster H-15	Diesel oil	5.5 t	1998
Mafis	Compañía Trasmediterránea, S.A.	4	Sisu	Diesel oil	45 t	2000
Fork-lift trucks	Compañía Trasmediterránea, S.A.	1	Caterpillar	Diesel oil	2.5 t	1990
Mafis	Compañía Trasmediterránea, S.A.	4	Douglas	Diesel oil	45 t	1980/1991
Tractors	Compañía Trasmediterránea, S.A.	1	John Deere	Diesel oil	5 t	2000
Weighbridges	DECAL, SA	2	Magriña	----	60 t	
Fork-lift trucks	DECAL, SA	1	Nissan	Diesel oil	2 t	
Fork-lift trucks	Enagas, S.A.	1	Still	Electricity	1.5 t	
Weighbridges	Ergransa, S.A.	2	Mettler Toledo	Electricity	60 t	1999
Loaders	Ergransa, S.A.	2	Bobcat Clark	Diesel oil	2. t	2003
Loaders	Ergransa, S.A.	1	Bobcat Clark	Diesel oil	1.6 t	1999
Loaders	Ergransa, S.A.	1	Bobcat Clark	Diesel oil	1.5 t	1997
Loaders	Ergransa, S.A.	1	Cat 950	Diesel oil	3.5 t	1986
Buckets	Ership, S.A.	2	----	----	6 m3	
Buckets	Ership, S.A.	2	----	----	10 m3	
Fork-lift trucks	Ership, S.A.	1	----	Diesel oil	----	
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H4400	Diesel oil	36 t	1995
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-620 E	Diesel oil	24 t	1983
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-250 E	Diesel oil	12 t	1970
Reach Stacker	Estibadora de Ponent, S.A.	7	Sisu RSD 4531	Diesel oil	45 t	1998/2000
Mafis	Estibadora de Ponent, S.A.	2	TR 162 AL 2X4	Diesel oil	35 t	2002
Mafis	Estibadora de Ponent, S.A.	2	TR 161 AL 4X4	Diesel oil	32 t	1996
Spreader	Estibadora de Ponent, S.A.	3	Bromma		35 t	
Mafis	Estibadora de Ponent, S.A.	1	Sisu TR-160-AR	Diesel oil	32 t	1986
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Daewo d 18 s	Diesel oil	5 t	1997
Mafis	Estibadora de Ponent, S.A.	4	Terbe 3250	Diesel oil	32 t	1983
Mafis	Estibadora de Ponent, S.A.	3	Sisu TR 162 AL 4 X4	Diesel oil	32 t	2001
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H - 150	Diesel oil	6 t	
Spreader Conveyors belts	Estibadora de Ponent, S.A.	1	Van de Graaf		35 t	
	Interlogistica del frío	2	Proconsa	Electricity	10m. 6m.	
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	12 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	2	MIC	Electricity	2 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	MIC	Diesel oil	2.2 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	MITSHUBISHI	Electricity	1.5 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	3 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	3	NISSAN	Electricity	2.5 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel oil	1.5 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	1,5 T	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	10 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Diesel oil	4.5 t	1995

Type of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	José Llinás e Hijos, S.L.	3	NISSAN	Diesel oil	4 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel oil	3 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	14	NISSAN	Diesel oil	2.5 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	10	NISSAN	Diesel oil	2 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	3	BT	Electricity	2.2 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel oil	5 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	8	NISSAN	Electricity	1.8 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	15 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	4	KALMAR	Petrol	16 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	28 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR ka-42	Diesel oil	42 t	1999/2002
Fork-lift trucks	José Llinás e Hijos, S.L.	7	JUNGUEINRICH	Electricity	1.4 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	2	JUNGUEINRICH	Electricity	1.6 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	2	CATERPILLAR	Diesel oil	4 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CATERPILLAR AH-52	Diesel oil	2.4 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CARER	Electricity	1.6 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	BT	Electricity	1.25 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	BT	Electricity	1.35t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	2	BT	Electricity	1.6 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	3	BT	Electricity	2 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SAMSUNG	Electricity	2.5 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	3	SAMSUNG	Diesel oil	2 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel oil	1.8 t	1980
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TCM	Diesel oil	2.5 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Electricity	1.6 t	1970
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Electricity	2.5 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	6	TCM	Diesel oil	1.5 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	4 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	1	STOCKLIN	Electricity	1 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	4	STOCKLIN	Electricity	2 t	2000
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SISU	Diesel oil	45 t	2000
Fork-lift trucks	José Llinás e Hijos, S.L.	4	SAMSUNG	Diesel oil	7 t	2000
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SISU	Diesel oil	160 t	2000/2002
Tows	José Llinás e Hijos, S.L.	1	BRETCHA		29 t	
Tractors	José Llinás e Hijos, S.L.	1	VOLVO	Diesel oil	95 t	1996
Tractors	José Llinás e Hijos, S.L.	1	PEGASO	Diesel oil	50 t	1999
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	40 t	1992
Tractors	José Llinás e Hijos, S.L.	1	MERCEDES	Diesel oil	40 t	2000
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	12 t	2001
Tractors	José Llinás e Hijos, S.L.	1	DAF	Diesel oil	66.5 t	1994
Tractors	José Llinás e Hijos, S.L.	1	DAF	Diesel oil	40 t	1998
Tractors	José Llinás e Hijos, S.L.	2	IVECO	Diesel oil	6.8 t	2001
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	50 t	2001
Tows	José Llinás e Hijos, S.L.	1	FRUHEAUF		36 t	
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	3 t	
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	2.5 t	
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel oil	2 t	
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel oil	1.8 t	
Tows	José Llinás e Hijos, S.L.	2	LECIÑENA		34 t	
Tows	José Llinás e Hijos, S.L.	1	LECIÑENA		31.8 t	

Type of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Tows	José Llinás e Hijos, S.L.	3	TRABOSA		34 t	
Tows	José Llinás e Hijos, S.L.	1	TRANYLONA		75 t	
Tows	José Llinás e Hijos, S.L.	1	FRUHEAUF		31.5 t	
Tows	José Llinás e Hijos, S.L.	1	GONTRAILER		39 t	
Tows	José Llinás e Hijos, S.L.	4	LECIÑENA		51 t	
Tows	José Llinás e Hijos, S.L.	1	LECIÑENA		41 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.	
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	FIAT	Electricity	1.75 t	
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	HYSTER	Electricity	1.5 t	
Loaders	Portcemen, S.A.	1	JCB 416	Diesel oil	5.4 t	
Cranes	Renfe (Transporte Combinado)	1	Jaso 262	Electricity	40 t	
Locotractor	Renfe (Transporte Combinado)	1	Zephir	Diesel		
Weighbridges	Sadesa	1	MOBBA	Electronics	60 t	
Fork-lift trucks	Sadesa	1	Carterpillar	Diesel oil	4 t	
Tows	Sadesa	2	-----	-----	-----	
Fork-lift trucks	Saport-Mapor, S.A.	1	Kalmar	Diesel oil	28 t	1985
Fork-lift trucks	Saport-Mapor, S.A.	1	Kalmar	Diesel oil	42 t	1985
Fork-lift trucks	Saport-Mapor, S.A.	3	Tug Master SISU	Diesel oil	-----	1998
Fork-lift trucks	Saport-Mapor, S.A.	11	Hyster 300 y 400 XL	Diesel oil	3 y 4 t	1986
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 32 N	Diesel oil	32 t	1980
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 28 R	Diesel oil	28 t	1993
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 42 R	Diesel oil	42 t	1993
Fork-lift trucks	Saport-Mapor, S.A.	2	Hyster H 80	Diesel oil	6 t	1989
Fork-lift trucks	Saport-Mapor, S.A.	1	Hyster H400 C	Diesel oil	42 t	1991
Fork-lift trucks	Saport-Mapor, S.A.	1	Toyota 023 FD 35	Diesel oil	4 t	1984
Fork-lift trucks	Saport-Mapor, S.A.	2	Nissan	Diesel oil	7.5 t	1994
Fork-lift trucks	Saport-Mapor, S.A.	1	Tug Master SISU	Diesel oil	-----	1994
Fork-lift trucks	Saport-Mapor, S.A.	1	Hyster H460B	Diesel oil	20 t	1998
Fork-lift trucks	Saport-Mapor, S.A.	1	Tug Master Kalmar	Diesel oil		1993
Platforms	Saport-Mapor, S.A.	7	-----	-----	40'	1983
Fork-lift trucks	Saport-Mapor, S.A.	2	Luna	Diesel oil	40 t	1983
Fork-lift trucks	TCB, S.L.	3	Luna	Diesel oil	40 t	1983
Fork-lift trucks	TCB, S.L.	2	Hyster	Diesel oil	25 t	1988
Fork-lift trucks	TCB, S.L.	2	Fenwick	Diesel oil	17 t	1989
Fork-lift trucks	TCB, S.L.	3	Hyster	Diesel oil	6 t	1983
Fork-lift trucks	TCB, S.L.	1	Carterpillar	Diesel oil	4 t	1987
Straddle Carrier	TCB, S.L.	6	Sisu-Kalmar	Diesel oil	40 t	2000
Fork-lift trucks	TCB, S.L.	3	Carterpillar	Diesel oil	3 t	1987
Fork-lift trucks	TCB, S.L.	2	Carterpillar	Diesel oil	2.5 t	1987
Fork-lift trucks	TCB, S.L.	2	Hyster	Diesel oil	1.5 t	1983
Trucks	TCB, S.L.	1	Pegaso	Diesel oil	-----	1983
Platforms	TCB, S.L.	2	Fruehauf	-----	-----	1983
Reach Stacker	TCB, S.L.	1	Sisu	Diesel oil	45 t	1998
Fork-lift empty Straddle Carrier	TCB, S.L.	2	Sisu	-----	9 t	1998
Fork-lift empty Straddle Carrier	TCB, S.L.	34	Valmet-Sisu	Diesel oil	40 t	1983/1998
Fork-lift empty Straddle Carrier	TCB, S.L.	1	Kalmar	-----	9 t	2002
Fork-lift trucks	Terminal Catalunya, S.A.	5	Hyster H-1600- XL2	Diesel oil	16 t	
Fork-lift trucks	Terminal Catalunya, S.A.	4	Hyster H3200	Diesel oil	32 t	

Type of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	Terminal Catalunya, S.A.	2	Caterpillar DP-25	Diesel oil	2.5 t	
Fork-lift trucks	Terminal Catalunya, S.A.	2	Hyster H-2800	Diesel oil	28 t	
Fork-lift trucks	Terminal Catalunya, S.A.	1	Caterpillar DP 150	Diesel oil	15 t	
Fork-lift trucks	Terminal Catalunya, S.A.	6	Hyster H2500 XL	Diesel oil	2.5 t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	Caterpillar DP 40	Diesel oil	4 t	
Reach Stacker	Terminal Catalunya, S.A.	4	PPM TF C45-R	Diesel oil	40 t	
Fork-lift trucks	Terminal Catalunya, S.A.	2	Hyster H18.00-XL	Diesel oil	2.5 t	
Fork-lift trucks	Terminal Catalunya, S.A.	4	Caterpillar V-330-C	Diesel oil	16 t	
Fork-lift trucks	Terminal Catalunya, S.A.	2	Caterpillar V-330-B	Diesel oil	16 t	
Fork-lift trucks	Terminal Catalunya, S.A.	2	Caterpillar V-155-B	Diesel oil	7 t	
Fork-lift trucks	Terminal Catalunya, S.A.	1	Caterpillar V-620-B	Diesel oil	28 t	
Fork-lift trucks	Terminal Catalunya, S.A.	1	KALMAR 16-200	Diesel oil	2.5 t	
Mafis	Terminal Catalunya, S.A.	4	SEACOM	----	--	
Loaders	Terminal Catalunya, S.A.	1	CAT 980-F	Diesel oil	--	
Fork-lift trucks	Terminal Catalunya, S.A.	1	Hyster H4800-XL2	Diesel oil	48 t	
Fork-lift trucks	Terminal Catalunya, S.A.	5	Hyster H-700-XL	Diesel oil	7 t	
Mafis	Terminal Catalunya, S.A.	6	BUISCAR	----	--	
Mafis	Terminal Catalunya, S.A.	10	FABRISEN	----	--	
Fork-lift trucks	Terminal Catalunya, S.A.	15	Hyster H400 - XL	Diesel oil	4 t	
Transtainers	Terminal Catalunya, S.A.	8	Fantuzzi Regienne	Diesel oil	40 t	
Reach Stacker	Terminal Catalunya, S.A.	7	Fantuzzi CS-45-S	Diesel oil	40 t	
Reach Stacker	Terminal Catalunya, S.A.	2	Kalmar DR 420 - 60S5T	Diesel oil	40 t	
Reach Stacker	Terminal Catalunya, S.A.	6	PPM FCH-77	Diesel oil	40 t	
Loaders	Terminal Catalunya, S.A.	1	CAT-966-F	Diesel oil		
Reach Stacker	Terminal Catalunya, S.A.	1	KALMAR DR-450-60A5X	Diesel oil	40 t	
Reach Stacker	Terminal Catalunya, S.A.	1	PPM FCH 55	Diesel oil	40 t	
Loaders	Terminal Catalunya, S.A.	1	CAT- 950	Diesel oil	3,500 kg.	1986
Loaders	Terminal Catalunya, S.A.	1	CAT-950-F	Diesel oil		
Loaders	Terminal Catalunya, S.A.	1	CAT-926-E	Diesel oil		
Loaders	Terminal Catalunya, S.A.	1	LIEBHERRL- L 554	Diesel oil		
Loaders	Terminal Catalunya, S.A.	1	CAT-950-GWL			
Fork-lift trucks	Terminal Catalunya, S.A.	4	Kalmar DCE90-45E8	Diesel oil		
Tractors	Terminal Catalunya, S.A.	10	Terberg YT80 4x2	Diesel oil		
Tractors	Terminal Catalunya, S.A.	8	Terberg TT20-76	Diesel oil		
Tractors	Terminal Catalunya, S.A.	6	Terberg RT220	Diesel oil		
Mafis	Terminal Catalunya, S.A.	4	Semiremolque			
Fork-lift trucks	Terminal Catalunya, S.A.	3	Linde H-80-D02	Diesel oil	8	
Hopper	Terminal Catalunya, S.A.	1				
Fork-lift trucks	Terminal Port-Nou, S.A.	8	Toyota	Diesel oil	4 t	2000
Platforms	Terminal Port-Nou, S.A.	4	Buiscar			
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Fentuzzi	Diesel oil	45 t	
Reach Steaker	Terminal Port-Nou, S.A.	1	Kalmar	Diesel oil	32 t	1998
Transtainer	Terminal Port-Nou, S.A.	2	Gommata Ansaldo	Diesel oil	42 t.	1990

Type of material	Owner / Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	Terminal Port-Nou, S.A.	3	Hyster	Diesel oil	7 t	1990/1994
Fork-lift trucks	Terminal Port-Nou, S.A.	7	Fiat DI 30 CH	Diesel oil	3 t	1993/1994
Reach Steaker	Terminal Port-Nou, S.A.	4	Kalmar	Diesel oil	45 t	1998/1999
Fork-lift trucks	Terminal Port-Nou, S.A.	2	Fiat DI 40 C	Diesel oil	4 t	1994
Mafis	Terminal Port-Nou, S.A.	4	Terberg	Diesel oil		1990/1999
Fork-lift trucks	Terminales Portuarias, S.A.	1	TOYOTA 5FD25	Diesel oil	2.5 t	1991
Weighbridges	Terminales Portuarias, S.A.	3	PIBERNAT-EPELSA	Electricity	60 t	
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Bam-Eergio	Mecanic	250 kg	
Weighbridges	Terminales Portuarias, S.A.(T-2)	2	Pibernat-Epelsa	Electricity	60 t	
Fork-lift trucks	Terminales Portuarias, S.A.(T-2)	3	Yale	Diesel oil	37.5 KW	
Fork-lift trucks	Terminales Portuarias, S.A.(T-2)	1	Still	Diesel oil	37 KW	1989
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Cely	Mecanic	1,500 Kg	2000
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Epelsa	Electricity	1,800 Kg	2000
Weighbridges	Terminales Portuarias, S.A.(T-2)	2	Bizerba	Electricity	400 Kg	2002
Fork-lift trucks	TERQUIMSA	1	Daewoo	Diesel oil	2.5 t	
Fork-lift trucks	TERQUIMSA	1	Nissan	Diesel oil	2.5 t	
Weighbridges	Tráfico de Mercancias, S.A	1	Casals	----	80 t	1975
Weighbridges	Tráfico de Mercancias, S.A	2	Schenck	Over belts	1,000 t/H	1983/1994
Conveyors belts	Tráfico de Mercancias, S.A	25	varias	Electricity	1,300 m.	1971/1988
Loading bridge	Tráfico de Mercancias, S.A	2	M.I.T.	Electricity	500/1,000 t/H	1960/1971
Scraper	Tráfico de Mercancias, S.A	1	M.I.T.	Electricity	600 t/h	1975
Fork-lift trucks	Transp. Maritimos Alcudia, S.L.	1	Toyota 15	Diesel oil		
Fork-lift trucks	Transp. Maritimos Alcudia, S.L.	1	Caterpillar B16	Diesel oil	7 t	
Reach Stacker	Transp. Maritimos Alcudia, S.L.	2	Drs4527-5S 45585		7 t	2002
Mafis	Transp. Maritimos Alcudia, S.L.	6	KalmarTrx182		40 t	2003

2.9. Floating material

2.9.1. Dredgers

(None)

2.9.2. Tugboats

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

2.9.3. Sludge lighters, lighters and barges

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

2.9.4. Floating cranes

(None)

2.9.5. Other auxiliary service means

Name	Owner	Characteristics	Year of construction
Neptuno	APB	Floating waste collector	1980
Corb Marí I	APB	Floating waste collector	1996
Corb Marí II	APB	Floating waste collector	1996
Blavet	APB	Floating waste collector	1998
Xatrac	APB	Floating waste collector	1998
Pedro de Alvarado	APB	Sounding and miscellaneous services	1964
APB BOMBERS BCN	APB	Underwater fire brigade for maritime rescue	2000
Porta d'Aigua	APB	Authorities and visitors	1992
Cemesa 1	CEMESA	Launch of mooring	2000
Cemesa 2	CEMESA	Launch of mooring	2000
Cemesa 3	CEMESA	Launch of mooring	1993
Amarradores 1	CEMESA	Launch of mooring	1974
Arañon	CEMESA	Towboat	1960
Pelican 69	ECOLMARE	Floating waste collector	1980
Ghibli	SPRA, S.A.	Auxiliary antipollution and fire-fighting service launch	1975
Caperol	SPRA, S.A.	Auxiliary service launch	1976
Lucaya III	SPRA, S.A.	Staff- transport launch	1962
Lucaya IV	SPRA, S.A.	Staff- transport launch	1992
La Restinga	SPRA, S.A.	Staff- transport launch	1992
Barcaza B0	SPRA, S.A.	Tank vessel	1968
Marpol SPRA	SPRA, S.A.	Marpol 1 collection	2002

2.10. Brief description of facilities for specific traffic types

Containers and general cargo terminals

Loading for external navigation

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

On 29 Príncipe d'Espanya wharf, the Terminal Catalunya, SA firm holds the concession of a multi-purpose terminal, with a surface area of 35.1 hectares, a berthing line of 1,653 m and a draught of between 8.7 and 14 m. The terminal has one ro-ro ramp and covered warehouses with a surface area of 26,145 m². Likewise, the company owns 8 container lifting cranes, 7 of which are of the post-panamax type.

On 01 Adossat, 20 Ponent and 21 Costa wharves, there are two multi-purpose and one polyvalent general cargo terminals run by Saport-Mapor, SA, Terminal Port-Nou, SA respectively. These terminals together occupy an area of 11.26 hectares, with a maximum draught of 12 m and a berthing line of 1,440 m. They also have a total of 8 ro-ro ramps and a total covered warehouse area of 32,000 m².

Cargo 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 authorised area of 52,252 m² and 48,300 m², 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 Adossat wharf the company Transportes Marítimos Alcudia, is authorised to operate containerised goods on a flat area of 3.5 hectares and a berthing line of 170 m and 16 m of draught.

Finally, on Sant Bertran wharf, the Cía. Tramediterránea, SA company has an authorised area of 34,995 m² for the handling of containerised goods.

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 1,005 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 254,000 m². The terminal has a capacity for 41,500 vehicles of which 21,500 correspond to uncovered places and the remaining 20,000 to covered places. It also has a vehicle personalisation centre and protection-removing tunnel.

Setram operates an area under concession of 5.7 hectares.

Bulk grain and seed terminal

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

Terminals for milling soya beans

26B Álvarez de la Campa and 22B Contradic West wharves are home to the Cargill España, SA and Moyresa industries, specialised in the traffic of soybeans. They have milling plants with a capacity of 1,400,000 t.

Bulk cement reception and embarking terminal

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

Potash loading terminal

On 22A Contradic Nord wharf we can find Tramer SA, a terminal dedicated to the loading of potash. It has a maximum storage capacity of 80,000 t and is equipped with two gantry cranes with 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), Decal (chemicals and refined petroleum), CLH, SA (refined petroleum), Sadesa (oils), Demagrisa (oils) and Loiret & Haëntjens Esp., SA (molasses). These terminals are located on 32 Inflamables, 19 Sant Bertran, 22 Contradic and Tram IV wharves. They occupy a total area of 65.5 hectares with an exclusive berthing line of 2,390 m and a maximum draught of 12 m. The total storage capacity is 1,200,000 m³.

Fruit Terminal

20C Ponent wharf houses the Barcelona Fruit Terminal. It has 5,556 m² 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 m² and a storage capacity for coffee and cocoa of 14,000 t. The terminal is under duty-free control and is type approved by the LIFFE (London International Financial Futures and Options Exchange), necessary for the delivery and auctioning of coffee.

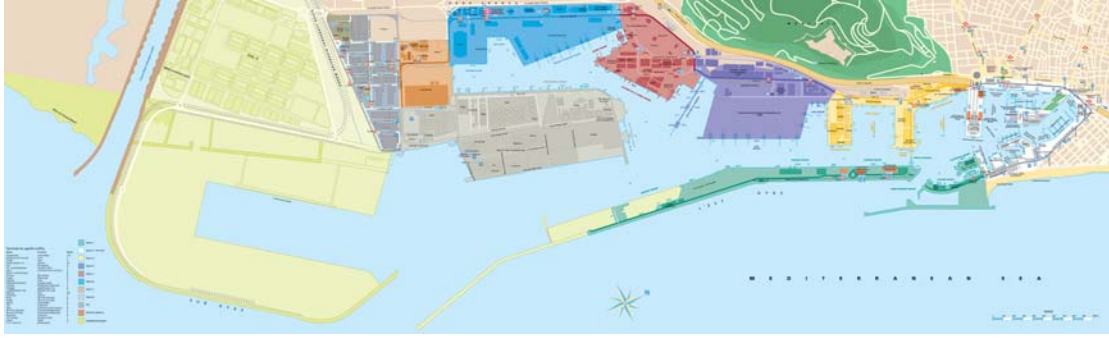
Non-Ferrous Metals Terminal

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

Perishable Goods Terminal

19 Sant Bertran wharf houses Frigoscandia Logistics. The terminal has a cold storage facility of 8,609 m² for the storage of perishable goods whose stores have a capacity of 75,000 m³, and a freezing tunnel. This terminal is type-approved for intracommunity storage.

2.11. General map of Port





3 Authorised private-sector construction works and activities

Although the land itself is owned by the public sector, most of this is leased out through a number of legal deeds to private companies, which render port services. This chapter first contains a list of all the spaces, organised by wharf, which were leased out to private companies before the onset of 2003, with specific details as to size, functional use, the date on which authorisation was granted and the levy paid to the Barcelona Port Authority.

Following that there is a list of all the construction works and activities authorised in 2003.

Introduction

3.1. Authorised before 2003 and currently in force

3.2. Authorised in 2003

3 Authorised private-sector construction works and activities

3.1. Authorised before 2003 and currently in force

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
L'EST DYKE						
1	Controlled rod-fishing area	97.50	APB 30-may-94	SDAD. PESCADORES DEP. DE MAR	13.76	1,342
2	Site for educational and sport activities	3,021.00	APB 4-sept-95	UNIVERSITAT DE BARCELONA	4.54	13,715 *
3	Drinking water network Dic de l'Est - c/ Escar	6,342.00 m.l.	APB 26-feb-97	AGUAS DE BARCELONA, SA	-	-
ADOSSAT						
4	Multipurpose terminal:		APB 27-oct-99	SAPORT-MAPOR, SA		
	Yard	32,975.00			5.97	196,861
	Depot	14,355.00			10.93	156,900
5	Construction of one silo and installation of a concrete factory	8,640.68	APB 30-oct-02	CEMEX ESPAÑA, SA	9.76	84,333
	Facilities use					55,313
LLEVANT						
6	Depot	1,052.00	APB 24-april-95	HÉLICES Y SUMINISTROS NAVALES, SL	25.66	26,994
7	Part of depot of workshop	462.00	PAB 27-may-91	INGENIERÍAS TÉCNICAS PORTUARIAS	8.16	3,770
CATALUNYA I OCCIDENTAL						
8	Vessel repairing area and facilities	31,013.00	O.M. 30-oct-72	UNION NAVAL DE BARCELONA	-	191,182
NOU						
9	Building and facilities	13,704.00	O.M. 20-feb-67	CLUB NATACIÓ BARCELONA	2.82	38,645
10	New sports facilities	6,220.00	APB 25-jun-97	CLUB NATACIÓ BARCELONA	8.40	52,248
11	Vessel repair technical area	34,025.83	PAB 30-oct-89	MARINA BARCELONA 92, SA	8.16	277,651
12	Vessel-painting building	2,094.20	APB 25-april-94	MARINA BARCELONA 92, SA	2.39	5,005
13	Municipal sports complex	8,911.40	PAB 3-feb-93	C.N. ATLÉTIC BARCELONETA	1.25	11,139
14	Part of old OTP building	3,961.66	APB 30-may-01	G.U. PORT 2000	-	-
15	Bay	733.00	APB 28-nov-01	CONSORCI EL FAR	sense cànon	-
16	Parking		APB 17-jul-02	PARQUING CN ATLETIC BARCELONETA	4.20	
	Underground area	11,448.76			4,2	48,085
	Floor area	342.45			16.79	5,750
BALEARS						

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
17	Fuel supply to fishing vessels		APB 15-feb-95	REPSOL CIAL. PROD. PETROLÍFEROS,SA		
	Tancs	101.00			3.36	339
	Pipelines	80.00 m. l.			2.69	215
	Pump	4.00			8.16	33
	Local	16.00			64.18	1,027
RELLOTGE						
18	Marina for sportives vessel:		PAB 05-nov-90	MARINA PORT-VELL, SA		
	Marina	1,114.30			14.92	16,625
	Support building	742.77			14.92	11,082
	Fishing area	900.00			14.92	13,428
19	Maritime Trade school (Suport building)	2,471.14	APB 15-feb-95	CONSORCI EL FAR	sense cànon	-
20	Projects links to UPC (Suport building)	593.17	APB 25-jun-98	UNIV.POLITÈCNICA DE CATALUNYA	sense cànon	-
BARCELONETA						
21	Passeig de Borbó parking garage	14,678.54	PAB 30-oct-89	CINTRA APARCAMIENTOS, SA	segons recapt.	
DIPÒSIT						
22	Building	295.00	O.M. 29-april-67	COL. OF. PES. Y MED. PÚBLICOS	10.84	3,198
23	Part of "Palau del Mar" building	15,594.00	PAB 30-oct-89	PÒRTIC DE MAR, SA	21.24	331,217
24	Palau del Mar (History museum)	10,006.00	APB 30-march-95	GENERALITAT DE CATALUNYA	0.21	2,101
ESPANYA						
25	Sports buildings and facilities	3,132.00	O.M. 25-march-68	REIAL CLUB MARÍTIM	4.70	14,720
26	Sports buildings and facilities	1,780.00	O.M. 21-feb-67	REIAL CLUB NÀUTIC	4.70	8,366
27	"L'Aquàrium" maritime centre	6,664.00	PAB 30-sept-92	ACUARIOS OCEANWORLD, SL	16.79	111,889
28	Sea water transport for aquarium (Buried pipe)	607.00 m. l.	APB 27-march-96	ACUARIOS OCEANWORLD, SL	6.72	4,079
	Sea water transport for aquarium (Submerged pipe)	520.00 m. l.			0.96	499
29	Shopping centre:		PAB 6-dec-89	ODISEA 2000, SL		
	"Maremàgnum" Shopping centre	10,950.00			15.93	174,434
	Shopping centre parking garage	11,939.00			3.98	47,517
	Multiscreen cinemas	3,182.00			15.93	50,689
30	Cinema	2,254.00	PAB 25-feb-91	TEATRE IMAX BARCELONA, SA	14.92	33,630
31	Area for terraces	1,076.00	APB 24-april-95	TEATRE IMAX BARCELONA, SA	16.79	18,066

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
32	Drinking water network (Sector A-B Port Vell)	2,996 m. l.	APB 27-oct-95	AGUAS DE BARCELONA, SA	-	-
BOSCH I ALSINA						
33	Underground parking garage	8,145.00	PAB 25-jan-86	SDAD. MPAL.APARCAM. Y SERV.,SA	1.49	12,136
BARCELONA						
34	World Trade Center Barcelona:		PAB 23-april-90	WORLD TRADE CENTER BARCELONA, SA		
	Built-on area	17,269.05			15.93	275,096
	Subsoil area	20,366.84			3.98	81,060
	Upon 1ª floor E M area	737.00			3.98	2,933
35	Maritime Stations North and South, WTCB	3,868.74	APB 28-jul-99	CREUERS DEL PORT DE BARCELONA, SA	-	65,519
SANT BERTRAN						
36	Passenger terminal	32,083.00	APB 14-feb-96	Cía. TRASMEDITERRÁNEA, SA	9.76	313,130
37	Area of depot no. 3	4,800.00	PAB 25-march-91	PROVIMAR	19.70	94,560
38	Site for refrigerators	7,973.46	O.M. 31-may-60	INTERLOGISTICA DEL FRIO, SA	9.76	77,821
39	Site for fat tank	4,141.00	O.M. 28-jun-60	DEMAGRISA	9.76	40,416 *
	Pipes	387.00 m. l.			3.92	1,517 *
40	"Apostolado del Mar" building	900.00	PAB 18-march-91	ARQUEBISBAT DE BARCELONA	sense cànon	-
41	Drinking water network (Sectors 6 and 7)	8,494.00 m. l.	APB 26-may-99	AGUAS DE BARCELONA, SA	-	-
PONENT						
42	Perishable goods terminal	5,556.00	PAB 27-may-91	TERMINAL PORT-NOU, SA	10.93	60,727
43	Multipurpose terminal:		APB 28-jul-99	TERMINAL PORT-NOU, SA		
	Yard	52,702.00			5.97	314,631
	Depot	19,442.00			10.93	212,501
	Maritime stations and offices	-			-	17,092
	Offices and services	512.00			64.18	32,860
CONTRADIC						
44	Potash warehouse and wagon tippler	4,663.00	O.M. 8-may-58	TRAMER, SA	9.76	45,511
45	Potassium salt distributing tank	3,048.00	R.O. 20-nov-30	TRAMER, SA	9.76	29,748
46	Wagon tippler	253.00	O.M. 16-nov-59	TRAMER, SA	9.76	2,469
47	Salt warehouse	2,200.00	O.M. 23-jan-69	TRAMER, SA	9.76	21,472

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
48	Distributing warehouse and load-discharge facilities	2,836.00	R.O. 16-jan-26	TRAMER, SA	9.76	27,679
49	Grain silo "A"	1,102.00	O.M. 22-dec-61	ERGRANSA	10.12	11,152
50	Area of influence	1,868.00	O.M. 22-dec-61	ERGRANSA	10.12	18,904
51	Wagon loading and discharge station	164.00	O.M. 21-march-70	ERGRANSA	10.12	1,660
52	Extension of silos "B" and "C"	4,440.00	O.M. 8-feb-78	ERGRANSA	10.12	44,933
53	Agrofood bulks warehouse	5,334.37	APB 30-oct.-95	ERGRANSA	10.12	53,984
54	Site for oils and similar goods	5,395.00	APB 14-feb-96	MOYRESA	10.12	54,597
	Pipes	455.00 m. l.			3.76	1,711
	Facilities use	-				8,275
55	Site	6,278.00	O.M. 22-feb-63	SADESA	9.76	61,273
	Pipes	90.00 m. l.			3.76	338
56	Bar	95.87	APB 18-sept-02	MARIBEL ROVIRA HERREROS	10.12	970
57	Vessel loading facilities	10,675.20	APB 13-dec-00	PORTCEMEN, SA	10.12	108,033
	Facilities use	-				231,230
58	Molasses warehouse	3,002.00	PAB 25-feb-91	LOIRET & HAENTJENS ESPAÑA, SA	9.76	29,300
	Pipes	140.00 m. l.			3.76	526
OEST						
59	Cargo terminal	5,481.00	O.M. 22-feb-22	FERROCARRILS GENERALITAT CATALUNYA	3.36	18,416
60	Stall	30.00	O.M. 13-may-58	FERROCARRILS GENERALITAT CATALUNYA	3.36	101
61	Site	31,790.00	O.M. 13-april-77	MOYRESA	7.43	236,200
SUD						
62	Public container terminal	461,282.00	PAB 24-feb-92	TCB, SL	6.84	3,155,169
63	Turn around	387.69	R.O. 15-jan-31	CLH, SA	6.71	2,601
64	Site	635.00	O.M. 19-feb-46	CLH, SA	6.71	4,261
65	Site	10,317.62	O.M. 1-dec-62	CLH, SA	6.71	69,231
66	Site	73,080.00	O.M. 28-jul-67	CLH, SA	6.71	490,367
67	Pipeline BAPRAT	2,175.00 m. l.	APB 23-feb-00	CLH, SA	2.69	5,851
PANTALÀ						
68	Vessel-berthing jetty	9,627.20	O.M. 24-jun-66	CLH, SA	2.36	22,720
ÀLVAREZ DE LA CAMPA						
69	Soya oil extraction plant	38,123.00	O.M. 23-jan-76	CARGILL ESPAÑA, SA	4.41	168,122
70	Cement silos	1,276.00	O.M. 17-sept-68	CEMEX ESPAÑA, SA	7.43	9,481

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
71	Service station	3,024.00	PAB 28-jan-91	AGIP ESPAÑA, SA		33,565
72	60-tonne weightbridge facility	200.00	APB 25-april-94	COL. OF. PESADORES Y MED. PUBLICOS	8.16	1,632
EV. FERNANDEZ						
73	Container depot	65,200.00	APB 26-jan-00	ALMAC. DE DEPÓSITO MARTAINER, SA	7.43	484,436
74	Site for container stocking and repairs	68,006.00	APB 29-jul-98	PROGECO, SA	7.43	505,285
75	Site	3,267.00	APB 1-nov-01	UTE REBARSA-SAR	8.15	26,626
TRAM V						
76	Offices	263.97	APB 10-nov-01	SDAD. ESTATAL DE ESTIBA Y DESESTIBA	8.16	2,154
PRÍNCIP D'ESPANYA						
77	Multipurpose terminal:		APB 8-jul-98	TERMINAL CATALUNYA, SA		
	Yard	323,270.00			5.97	1,929,922
	Depot	26,145.00			10.93	285,765
	Workshop	779.00			17.10	13,321
	Offices	510.00			64.18	32,732
	Building value	-			-	4,878
	Building paying-up	-			-	2,323
78	Laboratory:		APB 28-oct.-98	SGS ESPAÑOLA DE CONTROL, SA		
	Laboratory	512.77			25.26	12,953
	Offices	80.85			111.04	8,978
TRAM VI						
79	Site	12,687.65	APB 31-oct.-01	LOGISTICA DE TIERRA, SL	7.43	94,269
	Depot	2,744.55			25.26	69,327
80	Stock depot		APB 23-jul-97	DAMEX, SA		0
	Yard	24,271.64			7.43	180,338
	Depot	7,905.80			25.26	199,701
	Office	368.00			64.18	23,618
	Building value	-			-	2,354
81	Salt depot	7,305.00	APB 30-sept-98	SAL COSTA, SA	7.43	54,276
82	Assistance centre	1,090.14	APB 25-oct-00	SDAD. ESTATAL DE ESTIBA Y DESESTIBA	7.43	8,100
83	Site for workshop	4,836.00	O.M. 20-sept-77	SETRAM, SA	7.43	35,931
84	Quarantine and laboratory	3,606.40	O.M. 3-march-72	GENERALITAT DE CATALUNYA	3.36	12,118
85	Drinking water network (Sector 5)	3,764.00 m. l.	APB 27-oct-95	AGUAS DE BARCELONA, SA	-	-
DÀRSENA SUD						

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
86	Automobile Terminal	291,977.00	PAB 27-nov-89	AUTOTERMINAL, SA	6.78	1,979,604
87	Automobile Terminal	57,483.00	PAB 25-nov-92	SETRAM, SA	5.97	343,174
ZONA SUD						
88	Industrial building in Carrer Y	12,094.00	PAB 8-oct-90	CONTENOSA	8.16	98,687
89	Site	10,000.00	PAB 27-feb-84	PROD. SIDER. MEDITERRANEO	6.23	62,300
	Site	6,931.97	APB 17-jul-02	FORMIGONS TARRAGONA, SL	8.16	56,565
90	Service station	5,250.00	PAB 28-jan-91	AGIP ESPAÑA, SA		54,187
91	Industrial building	4,926.00	PAB 26-feb-91	MINIS. HACIENDA (DUANA)	sense cànon	-
92	Industrial building	3,768.00	PAB 27-may-91	SERVEIS RECIPE (TM2)	25.26	95,180
	Site	6,439.00			8.16	52,542
INFLAMABLES						
93	Tankwashing area	10,992.70	APB 25-jun-98	LAVADEROS DE CISTERNAS, SA	8.16	89,700
94	Site hydrocarbon and derivative warehouse	107,607.40	PAB 03-oct-88	DECAL ESPAÑA, SA	7.22	776,925
95	Chemical products terminal	32,231.00	O.M. 04-oct-73	TERMINALES QUIMICOS, SA	7.22	232,708
96	Chemical products terminal	37,740.00	O.M. 15-jun-71	TERMINALES PORTUARIAS, SL	7.15	269,841
97	Chemical products terminal	56,129.00	O.M. 27-jul-71	TERMINALES PORTUARIAS, SL	7.22	405,251
98	Petrol products terminal	61,032.00	APB 15-feb-95	TERMINALES PORTUARIAS, SL	7.22	440,651
99	Site for liquid product warehouse	16,930.37	O.M. 17-sept-73	RECEPTORA DE LÍQUIDOS, SL	7.22	122,237
100	Site	139,505.00	O.M. 24-feb-65	ENAGAS, SA	2.39	333,417
101	Wharf for methane tankers	2,000.00	PAB 19-jun-67	ENAGAS, SA	6.76	13,520 *
102	Water-intake pool		APB 31-may-00	ENAGAS, SA	3.60	0 *
	area	625.00				*
	pipes	679.00			2.69	1,827 *
103	Sea water depot	192.50	APB 23-feb-00	ENAGAS, SA	2.69	518 *
	on a water mirror	1,096.90			7.43	8,150 *
104	Site	9,921.00	PAB 27-may-91	ECOLOGICA IBERICA Y MEDITERRANEA	8.16	80,955
105	Under water gas pipeline	11,770.00 m. l.	APB 30-jun-99	ENAGAS, SA	0.14	1,648

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
	Under water gas pipeline (terrestrial part)	1050 m. l.			2.69	2,825
106	Drinking water network (sector 4)	3,515.00 m. l.	APB 23-jul-97	AGUAS DE BARCELONA, SA	-	-
PIPES						
107	Pipes	1,130.00 m. l.	PAB 3-oct-88	DECAL ESPAÑA, SA	2.69	3,040
108	Pipes	375.00 m. l.	PAB 3-oct-88	DECAL ESPAÑA, SA	2.69	1,009
109	Pipes	1,346.00 m. l.	PAB 31-jan-89	TERMINALES QUÍMICOS, SA	2.69	3,621
110	Pipes	2,075.00 m. l.	J.P. 12-dec-74	TERMINALES PORTUARIAS, SL	2.69	5,582
111	Pipes	660.00 m. l.	J.P. 12-dec-74	TERMINALES PORTUARIAS, SL	2.69	1,775
112	Pipes	1,040.00 m. l.	PAB 1-jan-91	RECEPTORA DE LÍQUIDOS, SL	2.69	2,798
113	Pipes	300.00 m. l.	PAB 19-jun-67	ENAGAS, SA	2.69	807 *
114	Gas pipeline sections	3,049.00 m. l.	APB 25-april-01	ENAGAS, SA	2.69	8,202
115	Gas pipeline	2,300.00 m. l.	APB 26-may-99	ENAGAS, SA	2.69	6,187
116	Pipes	1,737.00 m. l.	APB 26-jun-96	GAS NATURAL SDG, SA	2.69	4,673
117	Pipes	3,328.00 m. l.	APB 27-nov-02	GESTORA CONCESION PUERTO BCN AIE	2.69	8,952
	Pipes installed	982.67 m. l.			1.23	1,209
NOU CONTRADIC						
118	Area for a terminal park	421,861.00	APB 26-jun-96	MUELLES Y ESPACIOS PORTUARIOS, SA	2.21	932,313
ZAL (1st PHASE)						
119	Block A.1	59,570.47	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	308,575
120	Block A.2	46,315.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	239,912
121	Block A.3	51,589.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	267,231
122	Block A.4	38,574.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	199,813
123	Block A.5	48,120.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	249,262
124	Block A.6 (Bar-restaurant)	1,329.00	APB 29-nov-93	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	6,884
125	Block A.7	47,618.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	246,661
126	Block A.8	88,197.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	456,860
127	Service Center building	42,973.00	PAB 27-april-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.18	222,600

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Anual total (euros)
OTHER						
128	Site	492.14	APB 29-may-02	AJUNTAMENT DE CADAQUÉS	10.86	5,345
129	Reefs park	10,455.93	APB 18-dec-02	AJUNTAMENT DE BARCELONA	0.00	0

* Withdrawals along the year

3.2. Authorised in 2003

No.	Name	Date of authorisation	Owner	Levy Euros/m2/ year	Annual amount (euros)
1	Grating of 245 m ² in concession for the installation and running of a Museum and a bar at the Tossa de Mar lighthouse.	APB 29-January-03	TOSSA DE MAR TOWN COUNCIL	18.06	4,427.70
2	Grating of 245 m ² in concession for the installation and running of a Museum and a bar at the Tossa de Mar lighthouse.	APB 26-March-03	PALAFRUGELL TOWN COUNCIL	17.10	3,997.90
3	Grating a plot de 3,000 m ² and 2,170 m ² of depot for the design and construction of vessels.	APB 30-April-03	NORTH WIND YARD, SL	8.16	24,480.00
				25.26	54,814.20
4	Grating of an area of 24,920,6 m ² in concession and a warehousing building.	APB 30-April-03	TRANS-CATALA, SL	7.43	185,160.06
				116,891.50	116,891.50
5	Grating of an area of 45,514 m ² in concept of option law.	APB 30-April-03	ENAGAS, SA	4.38	199,351.50
6	Grating in concession of the building of the Estació Marítima "B" for its running as a passenger terminal.	APB 28-May-03	CREUERS DEL PORT DE BARCELONA, SA	29,399.95	29,399.95
7	Grating of a plot of 4,341 m ² next to the building of the Estació Marítima "B".	APB 28-May-03	CREUERS DEL PORT DE BARCELONA, SA	9.76	42,368.16
8	Grating of an area of 4,026 m ² for the installation of an heliport.	APB 28-May-03	CAT HELICOPTERS, SL	10.12	40,743.12
9	Enlargement of the concession 2,515 m ² .	APB 25-September-03	ECOLOGICA IBERICA Y MEDITERRANEA, SA	8.16	20,522.40
10	Grating 9,54 ha for the construction of a multipurpose terminal.	APB 29-October-03	UTE TCB MAQ.Y PROYECTOS, SL - TTES. MARÍTIMOS ALCUDIA, SA	10.00	954,000.00
11	Grating in concession of the building Estació Marítima "A" for its running as a passenger terminal.	APB 29-October-03	CREUERS DEL PORT DE BARCELONA, SA	67,477.77	67,477.77
12	Enlargement of the concession by 1,769 m ² .	APB 29-October-03	NORTH WIND YARD, SL	8.16	14,435.04



4 Traffic statistics

This chapter provides an extensive description of traffic in the Port of Barcelona during 2003.

These statistics show the movement of passengers, the number of vessels entering the Port - classified by size, flag and the 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.

Introduction

4.1. Passenger traffic

4.1.1. Passengers

4.1.1.1. Number of passengers

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

4.1.2. Cars with passengers. Number of units

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

4.2.1.2. Distribution by flags

4.2.1.3. Distribution by type of vessel

4.2.2. Warships entering during the year

4.2.3. Fishing vessels

4.2.4. Pleasure craft

4.3. Goods

4.3.1. Goods by wharves and service berths

4.3.1.1. Unloaded by wharves and service berths

4.3.1.2. Loaded on service wharves and berths

4.3.1.3. Total unloaded and loaded on service wharves and berths

4.3.2. Handled on private wharves and berths

4.3.2.1. Unloaded on private wharves and berths

4.3.2.2. Loaded on private wharves and berths

4.3.2.3. Total unloaded and loaded on private wharves and berths

4.3.3. Unloaded and loaded during the year

4.3.3.1. Total unloaded

4.3.3.2. Total loaded

4.3.3.3. Total unloaded and loaded

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

4.3.5. Transhipped cargo

4.3.6. Classification of cargo by tariff T-3 (t)

4.3.7. Classification of cargo by type (t)

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

4.3.8. Roll-on / Roll-off traffic (t)

4.4. Local or river traffic (t)

4.5. Ship supplies

4.6. Fish catches

4.7. Container traffic

4.7.1. Container over 10 and under 20 feet

4.7.2. 20-Foot containers

4.7.3. Containers over 20 feet

- 4.7.4. Total containers
 - 4.7.4.1. Total containers in transit
- 4.7.5. Total T.E.U. Containers
 - 4.7.5.1. Total T.E.U. containers in transit
- 4.7.6. Goods transported in containers classified by type (t)
- 4.8. General summary of maritime traffic
 - 4.8.1. General table number 1
 - 4.8.2. General table number 2 (Including local traffic, supplies and fishing)
 - 4.8.3. General table number 3
 - 4.8.4. General table number 4
 - 4.8.5. General table number 5
- 4.9. Land traffic

4 Traffic statistics

4.1. Passenger traffic

4.1.1. Passengers

4.1.1.1. Number of passengers

	Domestic traffic National	Domestic traffic Community	Foreigners ferries	Foreign	Total (no local)	Bay or local
Entries	342,366	59,202	347	273,125	675,040	0
Departures	371,645	46,812	365	275,193	694,015	0
Entries+Departures	714,011	106,014	712	548,318	1,369,055	208,277
In transit	0	0		500,912	500,912	0
TOTAL	714,011	106,014	712	1,049,230	1,869,967	208,277

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

Port of origin or destination	Entries	Departures	Total
Palma de Mallorca	171,544	206,684	378,228
Eivissa + Maó + Rest of domestic	170,822	164,961	335,783
Total domestic	342,366	371,645	714,011
Foreign-pleasure cruise traffic-	59,549	47,177	106,726
Total foreign	59,549	47,177	106,726
TOTAL	401,915	418,822	820,737

4.1.2. Cars with passengers. Number of units

	Domestic	Foreign	Total
Entries	80,631	9,352	89,983
Departures	84,710	8,241	92,951
TOTAL	165,341	17,593	182,934

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 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.
SPANISH							
Domestic							
Number	2,882	157	224	1,059	889	553	
G.T.	35,415,387	379,115	884,700	7,525,212	11,824,884	14,801,476	
Foreign							
Number	176	13	28	118	14	3	
G.T.	1,189,148	31,365	117,369	765,426	199,904	75,084	
TOTAL SPANISH							

Type of navigation	Total	Up to 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.
Número	3,058	170	252	1,177	903	556	0
G.T.	36,604,535	410,480	1,002,069	8,290,638	12,024,788	14,876,560	0
FOREIGN							
Domestic							
Number	175	68	17	44	44	1	1
G.T.	1,346,136	186,793	64,017	272,399	716,894	35,748	70,285
Foreign							
Number	5,628	640	509	1,033	1,411	1,498	537
G.T.	123,834,719	1,476,040	2,011,727	8,013,286	24,115,488	54,204,646	34,013,532
TOTAL EXTRANJEROS							
Number	5,803	708	526	1,077	1,455	1,499	538
G.T.	125,180,855	1,662,833	2,075,744	8,285,685	24,832,382	54,240,394	34,083,817
TOTALS							
Domestic							
Number	3,057	225	241	1,103	933	554	1
G.T.	36,761,523	565,908	948,717	7,797,611	12,541,778	14,837,224	70,285
Foreign							
Number	5,804	653	537	1,151	1,425	1,501	537
G.T.	125,023,867	1,507,405	2,129,096	8,778,712	24,315,392	54,279,730	34,013,532
GENERAL TOTAL							
Number	8,861	878	778	2,254	2,358	2,055	538
G.T.	161,785,390	2,073,313	3,077,813	16,576,323	36,857,170	69,116,954	34,083,817
Percentage of total %							
Number	100.00	9.91	8.78	25.44	26.61	23.19	6.07
G.T.	100.00	1.28	1.90	10.25	22.78	42.72	21.07

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

4.2.1.2. Distribution by flags

	Up to 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001to 15.000 G.T.	From 15.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.	Total	
GERMANY	Calls	5	3	20		57	17	6	108
	G.T.	12,442	12,042	150,422		979,023	655,063	322,698	2,131,690
ANTIGUA AND BARBUDA	Calls	203	45	107	5	66	22		448
	G.T.	516,006	178,059	723,837	55,749	1,143,279	689,507		3,306,437
NETHERLANDS ANTILLES	Calls	22	13	3		5			43
	G.T.	44,115	45,506	20,050		118,610			228,281
SAUDI ARABIA	Calls					1	3		4
	G.T.					15,455	97,602		113,057
ALGERIA	Calls	1	7	27		1	51	2	89
	G.T.	710	21,812	169,245		21,659	1,547,646	162,674	1,923,746
AUSTRIA	Calls	2	15						17
	G.T.	4,898	73,950						78,848
AZERBAIJAN	Calls		1						1
	G.T.		3,714						3,714

		Up to 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001to 15.000 G.T.	From 15.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.	Total
BAHAMAS	Calls	32	28	37	12	96	147	53	405
	G.T.	80,599	128,433	260,209	162,552	1,894,118	5,479,369	3,987,557	11,992,837
BARBADOS	Calls	3							3
	G.T.	7,838							7,838
BELIZE	Calls	2							2
	G.T.	3,014							3,014
BERMUDAS	Calls						7	6	13
	G.T.						283,083	653,190	936,273
BOLIVIA	Calls	7							7
	G.T.	16,927							16,927
BULGARIA	Calls	8		29	1				38
	G.T.	16,328		268,545	12,554				297,427
CAMBODIA	Calls				3				3
	G.T.				35,703				35,703
CANADA	Calls			2					2
	G.T.			17,696					17,696
CAYMAN ISLANDS	Calls		1	4	14	8	1		28
	G.T.		3,811	35,730	201,053	179,488	26,964		447,046
CHINA	Calls				13	3	6		22
	G.T.				177,203	62,515	196,444		436,162
CYPRUS	Calls	21	6	93	2	92	42		256
	G.T.	48,281	21,553	726,393	23,886	1,839,897	1,406,820		4,066,830
COMOROS	Calls	1	2						3
	G.T.	1,861	7,160						9,021
SOUTH KOREA	Calls							7	7
	G.T.							366,954	366,954
DENMARK	Calls	16			1	56	1		74
	G.T.	24,465			14,120	1,145,159	49,874		1,233,618
EGYPT	Calls		1		7				8
	G.T.		4,688		84,532				89,220
UNITED ARAB EMIRATES	Calls						8		8
	G.T.						260,272		260,272
SPAIN	Calls	170	252	1,177	655	248	556		3,058
	G.T.	410,480	1,002,069	8,290,638	7,716,622	4,308,166	14,876,560		36,604,535
UNITED STATES	Calls					2	3	5	10
	G.T.					39,226	141,845	285,375	466,446
ESTHONIA	Calls			1					1
	G.T.			6,395					6,395
ETHIOPIA	Calls				6				6
	G.T.				69,192				69,192
PHILIPPINES	Calls				1	1	3		5
	G.T.				11,573	22,147	117,651		151,371
FINLAND	Calls		1			1			2
	G.T.		4,295			15,980			20,275
FRANCE	Calls	3		28	10	10	11		62
	G.T.	8,046		181,719	128,428	177,383	367,646		863,222
GEORGIA	Calls	1		1					2
	G.T.	2,086		6,641					8,727
GIBRALTAR	Calls	23		7		2			32
	G.T.	54,330		56,575		41,054			151,959

	Up to 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001to 15.000 G.T.	From 15.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.	Total	
GREECE	Calls		3	45	11	20	16	95	
	G.T.		24,465	526,709	234,198	764,608	897,530	2,447,510	
HONDURAS	Calls	1						1	
	G.T.	2,086						2,086	
HONG KONG	Calls			2		7		9	
	G.T.			26,809		239,498		266,307	
INDIA	Calls					1		1	
	G.T.					18,869		18,869	
IRELAND	Calls					2		2	
	G.T.					40,344		40,344	
MARSHALL ISLANDS	Calls		1	16	18	52		87	
	G.T.		6,301	204,870	386,358	1,513,901		2,111,430	
WALLIS AND FUTUNA ISLANDS	Calls					2		2	
	G.T.					94,552		94,552	
ISRAEL	Calls					55	19	74	
	G.T.					2,282,885	1,015,607	3,298,492	
ITALY	Calls	36	81	37	51	151	300	127	783
	G.T.	81,557	300,419	278,930	677,773	2,504,158	10,173,659	8,593,644	22,610,140
JAPAN	Calls					37	3	40	
	G.T.					1,628,520	166,467	1,794,987	
KUWAIT	Calls					14		14	
	G.T.					455,476		455,476	
LEBANON	Calls	1	11	6				18	
	G.T.	1,689	46,124	49,869				97,682	
LIBERIA	Calls	6	38	15	37	83	172	26	377
	G.T.	16,294	142,269	121,541	443,790	1,488,666	5,795,957	1,350,441	9,358,958
LIBIA	Calls			12				12	
	G.T.			73,260				73,260	
LITHUANIA	Calls			1				1	
	G.T.			9,965				9,965	
LUXEMBOURG	Calls	4	3	1	2	7	2	19	
	G.T.	9,340	11,907	5,412	22,615	117,600	163,584	330,458	
MALAYSIA	Calls			1		5	1	14	21
	G.T.			9,380		94,739	27,306	775,431	906,856
MALTA	Calls	10	29	94	36	152	33	354	
	G.T.	21,136	119,208	662,528	437,070	2,831,698	1,019,165	5,090,805	
MOROCCO	Calls		56	2		6		64	
	G.T.		213,033	15,352		102,822		331,207	
MAURITIUS	Calls					1		1	
	G.T.					23,761		23,761	
NORWAY	Calls	1	46	8	7	14	40	32	148
	G.T.	2,783	179,264	47,938	87,730	278,779	1,616,093	2,108,309	4,320,896
NETHERLANDS	Calls	120	30	33	1	4	9	16	213
	G.T.	308,488	114,920	221,962	13,340	87,467	300,753	946,693	1,993,623
PANAMA	Calls	44	19	27	14	155	261	119	639
	G.T.	101,976	76,613	186,936	173,814	2,918,050	10,056,920	7,068,279	20,582,588
POLAND	Calls					2		2	
	G.T.					33,402		33,402	
PORTUGAL	Calls	34	19	28		8		89	
	G.T.	80,360	71,115	227,359		124,648		503,482	

		Up to 3.000 G.T.	From 3.001to 5.000 G.T.	From 5.001to 10.000 G.T.	From 10.001to 15.000 G.T.	From 15.001 to 25.000 G.T.	From 25.001 to 50.000 G.T.	More than 50.000 G.T.	Total
QATAR	Calls						7		7
	G.T.						220,612		220,612
UNITED KINGDOM	Calls	11	23	274	11	33	75	60	487
	G.T.	25,510	92,345	2,180,148	137,123	625,112	2,862,365	3,849,071	9,771,674
ROMANIA	Calls			1					1
	G.T.			5,988					5,988
RUSSIA	Calls	11	3						14
	G.T.	22,051	11,967						34,018
SAN VICENT AND THE GRENADINES	Calls	25	30	16	6	17	2		96
	G.T.	46,055	129,075	140,073	77,429	372,301	64,452		829,385
SAO TOME AND PRINCIPE	Calls			2					2
	G.T.			16,932					16,932
SEYCHELLES	Calls					1			1
	G.T.					21,353			21,353
SINGAPUR	Calls			5			59	6	70
	G.T.			32,692			2,785,624	349,479	3,167,795
SYRIA	Calls			12					12
	G.T.			79,665					79,665
SWEDEN	Calls			2		3		11	16
	G.T.			12,318		74,064		581,025	667,407
SWITZERLAND	Calls	2					3		5
	G.T.	5,998					83,337		89,335
TAIWAN (REPUBLIC OF CHINA)	Calls						9		9
	G.T.						342,594		342,594
TUNISIA	Calls					15	1		16
	G.T.					265,913	31,647		297,560
TURKEY	Calls	43	12	136	58	3			252
	G.T.	73,782	48,484	1,243,725	601,714	64,481			2,032,186
UKRAINE	Calls	9	3	1		1			14
	G.T.	21,782	13,978	9,489		21,275			66,524
VANUATU	Calls						18	8	26
	G.T.						560,684	439,809	1,000,493
TOTAL	Calls	878	778	2,254	1,016	1,342	2,055	538	8,861
	G.T.	2,073,313	3,077,813	16,576,323	12,123,953	24,733,217	69,116,954	34,083,817	161,785,390

4.2.1.3. Distribution by type of vessel

Type of vessel		Spanish	Foreign	Total
CAR-CARRIERS	Calls	19	553	572
	G.T.	249,128	16,631,566	16,880,694
LO-LO CARGO	Calls	132	1,057	1,189
	G.T.	603,194	5,427,525	6,030,719
REFRIGERATORS	Calls		49	49
	G.T.		600,298	600,298
BULK CARRIERS	Calls	61	154	215
	G.T.	154,661	2,691,994	2,846,655
PASSENGERS	Calls	2	706	708
	G.T.	14,956	29,372,602	29,387,558
TANKERS	Calls	42	51	93
	G.T.	631,142	1,264,911	1,896,053
CONTAINER CARRIERS	Calls	266	1,735	2,001
	G.T.	2,567,278	42,182,301	44,749,579
RO-RO	Calls	628	421	1,049
	G.T.	6,501,679	6,409,114	12,910,793
TANKERS (General)	Calls	84	799	883
	G.T.	639,063	13,229,651	13,868,714
FERRIES	Calls	1,824	278	2,102
	G.T.	25,243,434	7,370,893	32,614,327
TOTAL	Número	3,058	5,803	8,861
	G.T.	36,604,535	125,180,855	161,785,390

4.2.2. Warships entering during the year

Vessels	Spanish	Foreign	Total
Number	14	29	43
G.T.	37,501	135,581	173,082

4.2.3. Fishing vessels

Vessels		Total	Deep sea	Coastal
Registered during the year to 31 December	Number	1	0	1
	G.T.	74	0	74
Based in the port	Number	80	0	80
	G.T.	1,957	0	1,957

4.2.4. Pleasure craft

Vessels		Total
Registered during the year to 31 December	Number	743
	G.T.	3,715
Based in the port	Number	678
	G.T.	12,204

4.3. Goods

4.3.1. Goods by wharves and service berths

4.3.1.1. Unloaded by wharves and service berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded	10,180,336	100.00	1,343,041	8,837,295

BULK LIQUIDS

NATURAL GAS	0	0.00
DIESEL OIL	0	0.00
PETROL AND KEROSENE	0	0.00
FUEL-OIL	0	0.00
METHANOL, PROPANOL, BUTANOL	0	0.00
BULK PALM OIL	0	0.00
CAUSTIC SODA	0	0.00
BULK SOYA OIL	0	0.00
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00
COCONUT OIL (COPRA), PALMIST	0	0.00
SULPHURIC ACID	0	0.00
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00
CARBONIC OIL	0	0.00
LUBRICANTS	0	0.00
PEROXIDE ALCOHOL	0	0.00
ALKILBENZENE	0	0.00
MOLASSES WITH SPECIAL FACILITY	0	0.00
ADDITIVE FOR MAKING LUBRICANTS	0	0.00
OTHER BULK LIQUIDS	0	0.00
TOTAL	0	0.00

BULK SOLIDS FOR SPECIAL FACILITY

SOYA BEAN	0	0.00
WHEAT	0	0.00
BULK CEMENT AND CLINKER	0	0.00
MAIZE WITH FACILITY	0	0.00
POTASSIUM CHLORIDE	0	0.00
DRY PULSES WITHOUT POD	0	0.00
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00
PULPS, OILCAKES AND MEALS	0	0.00
OTHER BULKS PER FACILITY	0	0.00
TOTAL	0	0.00

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	0	0.00	0	0
COMMON SALT	25,657	0.25	6,200	19,457
ROUGH KAOLIN AND CYANITE	15,000	0.15		15,000
PERLITA. VERMICULITA.SEPIOLITA	37,200	0.37		37,200
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	28,059	0.28		28,059
GRANULATED SLAG	6,182	0.06	6,182	
MINERAL PEAT	4,493	0.04		4,493
PETROLIUM COKE	241,221	2.37		241,221
MINERAL OR CHEMICAL NITROGENOUS FERTILISERS	12,983	0.13		12,983
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00	0	0
GROUND GLASS	12,521	0.12		12,521
OTHERS	12,149	0.12	0	12,149
TOTAL	395,464	3.88	12,382	383,082
GENERAL CARGO				
FROZEN FISH	46,676	0.46	1,816	44,860
PULSES AND DRIED VEGETABLES	34,260	0.34	22	34,238
COFFEE	282,475	2.77	112	282,362
SOYA BEAN	64,100	0.63		64,100
NON-DRIED ALFALFA	0	0.00	0	0
OLIVE OIL, BOTTLED	0	0.00	0	0
OLIVES, PROCESSES VEGETABLES, UNFROZEN	36,924	0.36	33	36,891
FOOD PREPARATIONS	28,123	0.28	1,632	26,491
MINERAL WATERS	51,368	0.50	76	51,292
MALT BEER, BOTTLED	61,607	0.61	116	61,492
BOTTLED GRAPE WINE	35,275	0.35	621	34,654
MARBLE	77,554	0.76	19	77,535
CEMENT IN SACKS	0	0.00	0	0
NATURAL GAS	113,298	1.11		113,298
INORGANIC ACIDS	74,719	0.73	23,420	51,300
POLYCARBOXYLIC ACIDS	100,569	0.99		100,569
ORGANIC-INORGANIC CHEMICAL PRODUCTS	41,055	0.40		41,055
DETERGENTS	0	0.00	0	0
ACCELERATING CHEMICAL PRODUCTS	56,243	0.55	2	56,241
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	70,825	0.70	41	70,784
ETHYLENE POLYMERS	180,162	1.77	0	180,162
PROPYLENE GRANSES	0	0.00	0	0
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	35,442	0.35	0	35,442
PLASTIC MANUFACTURED GOODS	91,081	0.89	156	90,925
NEW PNEUMATICS	33,344	0.33	13	33,332
WASTE PAPER	74,261	0.73	36,534	37,727
PAPER IN ROLLS AND SHEETS FOR PRINTING	66,863	0.66	42	66,821
PAPER AND CARDBOARDS	53,350	0.52	1,633	51,717
KRAFT CARDBOARDS AND PAPER IN ROLLS	49,829	0.49	1	49,828
NON STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0
STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
TILES	147,263	1.45	204	147,058
CRUDE SMELTING FOUNDING	233,190	2.29		233,190
NON-ALLOYED IRON AND STEEL, INGOTS	52,589	0.52	42	52,547
LAMINATED STEEL SUP. A 4,75 MM	412,089	4.05		412,089
LAMINATED STEEL SUP. A 4,75 MM	104,924	1.03		104,924
CARS	276,311	2.71	21,903	254,408
VEHICLES PARTS AND ACCESSORIES	101,439	1.00	155	101,284
OTHER FURNITURE AND THEIR PARTS	71,123	0.70	925	70,198
PERSONAL BELONGINGS	295,393	2.90	11,809	283,585
MISCELLANEOUS GOODS	6,331,147	62.19	1,229,332	5,101,814
TOTAL	9,784,872	96.12	1,330,659	8,454,213

4.3.1.2. Loaded on service wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total loaded	11,390,599	100.00	3,611,992	7,778,607
BULK LIQUIDS				
NATURAL GAS	0	0.00		
DIESEL OIL	0	0.00		
PETROL AND KEROSENE	0	0.00		
FUEL-OIL	0	0.00		
METHANOL, PROPANOL, BUTANOL	0	0.00		
BULK PALM OIL	0	0.00		
CAUSTIC SODA	0	0.00		
BULK SOYA OIL	0	0.00		
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00		
COCONUT OIL (COPRA), PALMIST	0	0.00		
SULPHURIC ACID	0	0.00		
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00		
CARBONIC OIL	0	0.00		
LUBRICANTS	0	0.00		
PEROXIDE ALCOHOL	0	0.00		
ALKILBENZENE	0	0.00		
MOLASSES WITH SPECIAL FACILITY	0	0.00		
ADDITIVE FOR MAKING LUBRICANTS	0	0.00		
OTHER BULK LIQUIDS	0	0.00		
TOTAL	0	0.00		
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00		
WHEAT	0	0.00		
BULK CEMENT AND CLINKER	0	0.00		
MAIZE WITH FACILITY	0	0.00		
POTASSIUM CHLORIDE	0	0.00		
DRY PULSES WITHOUT POD	0	0.00		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00		
PULPS, OILCAKES AND MEALS	0	0.00		

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
OTHER BULKS PER FACILITY	0	0.00		
TOTAL	0	0.00		
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	12,896	0.11		12,896
COMMON SALT	13,747	0.12	2,970	10,777
ROUGH KAOLIN AND CYANITE	0	0.00	0	0
PERLITA. VERMICULITA.SEPIOLITA	0	0.00	0	0
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	2,821	0.02		2,821
GRANULATED SLAG	0	0.00	0	0
MINERAL PEAT	0	0.00	0	0
PETROLIUM COKE	0	0.00	0	0
MINERAL OR CHEMICAL NITROGENOUS FERTILISERS	0	0.00	0	0
BULK FERTILISERS USING ANTIPOLLUTION MEANS	221,304	1.94	15,441	205,863
GROUND GLASS	0	0.00	0	0
OTHERS	7,214	0.06	4,264	2,950
TOTAL	257,982	2.26	22,675	235,307
GENERAL CARGO				
FROZEN FISH	33,119	0.29	407	32,712
PULSES AND DRIED VEGETABLES	32,486	0.29	68	32,418
COFFEE	101,660	0.89	1,461	100,198
SOYA BEAN	0	0.00	0	0
NON-DRIED ALFALFA	80,423	0.71	41,582	38,841
OLIVE OIL, BOTTLED	76,148	0.67	2,379	73,769
OLIVES, PROCESSES VEGETABLES, UNFROZEN	48,024	0.42	770	47,254
FOOD PREPARATIONS	428,674	3.76	400,042	28,632
MINERAL WATERS	208,533	1.83	156,565	51,967
MALT BEER, BOTTLED	106,712	0.94	76,291	30,421
BOTTLED GRAPE WINE	173,315	1.52	36,487	136,827
MARBLE	98,512	0.86	3,030	95,482
CEMENT IN SACKS	95,857	0.84	88,367	7,490
NATURAL GAS	0	0.00	0	0
INORGANIC ACIDS	0	0.00	0	0
POLYCARBOXYLIC ACIDS	0	0.00	0	0
ORGANIC-INORGANIC CHEMICAL PRODUCTS	32,410	0.28	2	32,408
DETERGENTS	113,456	1.00	37,496	75,960
ACCELERATING CHEMICAL PRODUCTS	49,313	0.43	114	49,199
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	136,515	1.20	6,895	129,620
ETHYLENE POLYMERS	150,159	1.32	2,941	147,218
PROPYLENE GRANSES	66,888	0.59	167	66,721
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	30,117	0.26	242	29,874
PLASTIC MANUFACTURED GOODS	60,469	0.53	6,997	53,472
NEW PNEUMATICS	34,005	0.30	1,397	32,608
WASTE PAPER	0	0.00	0	0
PAPER IN ROLLS AND SHEETS FOR PRINTING	20,745	0.18	9,966	10,779
PAPER AND CARDBOARDS	68,295	0.60	2,968	65,327
KRAFT CARDBOARDS AND PAPER IN ROLLS	29,231	0.26	1,239	27,992
NON STUCCOED PAPERS AND CARDBOARDS	79,986	0.70	1,917	78,070

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
STUCCOED PAPERS AND CARDBOARDS	103,462	0.91	7,916	95,546
TILES	295,342	2.59	49,176	246,166
CRUDE SMELTING FOUNDING	0	0.00	0	0
NON-ALLOYED IRON AND STEEL, INGOTS	29,834	0.26	12,271	17,563
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
CARS	481,465	4.23	83,282	398,183
VEHICLES PARTS AND ACCESSORIES	177,308	1.56	10,677	166,631
OTHER FURNITURE AND THEIR PARTS	76,017	0.67	33,654	42,363
PERSONAL BELONGINGS	651,544	5.72	398,322	253,222
MISCELLANEOUS GOODS	6,962,593	61.13	2,114,229	4,848,364
TOTAL	11,132,617	97.74	3,589,317	7,543,300

4.3.1.3. Total unloaded and loaded on service wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded and loaded	21,570,934	100.00	4,955,032	16,615,902
BULK LIQUIDS				
NATURAL GAS	0	0.00		
DIESEL OIL	0	0.00		
PETROL AND KEROSENE	0	0.00		
FUEL-OIL	0	0.00		
METHANOL, PROPANOL, BUTANOL	0	0.00		
BULK PALM OIL	0	0.00		
CAUSTIC SODA	0	0.00		
BULK SOYA OIL	0	0.00		
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00		
COCONUT OIL (COPRA), PALMIST	0	0.00		
SULPHURIC ACID	0	0.00		
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00		
CARBONIC OIL	0	0.00		
LUBRICANTS	0	0.00		
PEROXIDE ALCOHOL	0	0.00		
ALKILBENZENE	0	0.00		
MOLASSES WITH SPECIAL FACILITY	0	0.00		
ADDITIVE FOR MAKING LUBRICANTS	0	0.00		
OTHER BULK LIQUIDS	0	0.00		
TOTAL	0	0.00		
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00		
WHEAT	0	0.00		
BULK CEMENT AND CLINKER	0	0.00		
MAIZE WITH FACILITY	0	0.00		
POTASSIUM CHLORIDE	0	0.00		
DRY PULSES WITHOUT POD	0	0.00		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00		
PULPS, OILCAKES AND MEALS	0	0.00		

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
OTHER BULKS PER FACILITY	0	0.00		
TOTAL	0	0.00		
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	12,896	0.06	0	12,896
COMMON SALT	39,404	0.18	9,170	30,234
ROUGH KAOLIN AND CYANITE	15,000	0.07	0	15,000
PERLITA. VERMICULITA.SEPIOLITA	37,200	0.17	0	37,200
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	30,880	0.14	0	30,880
GRANULATED SLAG	6,182	0.03	6,182	0
MINERAL PEAT	4,493	0.02	0	4,493
PETROLIUM COKE	241,221	1.12	0	241,221
ABONOS NITROGENADOS NATURALES Y ARTIFICIALES E	12,983	0.06	0	12,983
BULK FERTILISERS USING ANTIPOLLUTION MEANS	221,304	1.03	15,441	205,863
GROUND GLASS	12,521	0.06	0	12,521
OTHERS	19,363	0.09	4,264	15,099
TOTAL	653,446	3.03	35,057	618,389
GENERAL CARGO				
FROZEN FISH	79,795	0.37	2,223	77,572
PULSES AND DRIED VEGETABLES	66,746	0.31	90	66,656
COFFEE	384,134	1.78	1,574	382,561
SOYA BEAN	64,100	0.30	0	64,100
NON-DRIED ALFALFA	80,423	0.37	41,582	38,841
OLIVE OIL, BOTTLED	76,148	0.35	2,379	73,769
OLIVES, PROCESSES VEGETABLES, UNFROZEN	84,948	0.39	803	84,145
FOOD PREPARATIONS	456,796	2.12	401,674	55,123
MINERAL WATERS	259,900	1.20	156,641	103,259
MALT BEER, BOTTLED	168,319	0.78	76,407	91,913
BOTTLED GRAPE WINE	208,590	0.97	37,108	171,481
MARBLE	176,066	0.82	3,049	173,018
CEMENT IN SACKS	95,857	0.44	88,367	7,490
NATURAL GAS	113,298	0.53	0	113,298
INORGANIC ACIDS	74,719	0.35	23,420	51,300
POLYCARBOXYLIC ACIDS	100,569	0.47	0	100,569
ORGANIC-INORGANIC CHEMICAL PRODUCTS	73,465	0.34	2	73,463
DETERGENTS	113,456	0.53	37,496	75,960
ACCELERATING CHEMICAL PRODUCTS	105,556	0.49	115	105,441
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	207,341	0.96	6,936	200,404
ETHYLENE POLYMERS	330,321	1.53	2,941	327,380
PROPYLENE GRANSES	66,888	0.31	167	66,721
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	65,559	0.30	242	65,316
PLASTIC MANUFACTURED GOODS	151,550	0.70	7,153	144,397
NEW PNEUMATICS	67,349	0.31	1,410	65,939
WASTE PAPER	74,261	0.34	36,534	37,727
PAPER IN ROLLS AND SHEETS FOR PRINTING	87,608	0.41	10,008	77,600
PAPER AND CARDBOARDS	121,645	0.56	4,601	117,044
KRAFT CARDBOARDS AND PAPER IN ROLLS	79,060	0.37	1,240	77,820
NON STUCCOED PAPERS AND CARDBOARDS	79,986	0.37	1,917	78,070

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
STUCCOED PAPERS AND CARDBOARDS	103,462	0.48	7,916	95,546
TILES	442,605	2.05	49,380	393,225
CRUDE SMELTING FOUNDING	233,190	1.08	0	233,190
NON-ALLOYED IRON AND STEEL, INGOTS	82,423	0.38	12,313	70,110
LAMINATED STEEL SUP. A 4,75 MM	412,089	1.91	0	412,089
LAMINATED STEEL SUP. A 4,75 MM	104,924	0.49	0	104,924
CARS	757,776	3.51	105,185	652,592
VEHICLES PARTS AND ACCESSORIES	278,747	1.29	10,832	267,915
OTHER FURNITURE AND THEIR PARTS	147,140	0.68	34,579	112,561
PERSONAL BELONGINGS	946,938	4.39	410,131	536,807
MISCELLANEOUS GOODS	13,293,738	61.63	3,343,560	9,950,178
TOTAL	20,917,488	96.97	4,919,975	15,997,513

4.3.2. Handled on private wharves and berths

4.3.2.1. Unloaded on private wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded	12,176,919	100.00	1,405,635	10,771,284
BULK LIQUIDS				
BULK SOYA OIL	0	0.00	0	0
BULK PALM OIL	250,254	2.06	0	250,254
COCONUT OIL (COPRA), PALMIST	72,969	0.60		72,969
FUEL-OIL	394,464	3.24	346,825	47,639
PETROL AND KEROSENE	1,200,577	9.86	379,509	821,068
LUBRICANTS	40,074	0.33		40,074
NAPHTHA	27,695	0.23		27,695
DIESEL OIL	2,175,139	17.86	155,834	2,019,305
NATURAL GAS	4,645,985	38.15		4,645,985
SULPHURIC ACID	63,475	0.52	20,747	42,728
CAUSTIC SODA	104,132	0.86		104,132
XYLENE, TOLUENE, BENZENE, STYRENE	34,392	0.28	19,579	14,813
METHANOL, PROPANOL, BUTANOL	193,301	1.59		193,301
PEROXIDE ALCOHOL	22,884	0.19		22,884
ANHYDRIC ACID	35,370	0.29	2,000	33,370
POLYCARBOXYLIC ACIDS	29,429	0.24		29,429
NITRILE FUNCTION COMPOUNDS	30,498	0.25		30,498
AGGLUTINATING CHEMICAL PRODUCTS	66,038	0.54		66,038
OTHER BULK LIQUIDS	250,972	2.06	76,505	174,467
TOTAL	9,637,648	79.15	1,001,000	8,636,648
BULK SOLIDS FOR SPECIAL FACILITY				
DRY PULSES WITHOUT POD	38,973	0.32		38,973
WHEAT	181,996	1.49		181,996
RYE	26,987	0.22		26,987
MAIZE WITH FACILITY	344,047	2.83		344,047
SOYA BEAN	1,394,785	11.45		1,394,785
BULK CEMENT AND CLINKER	472,192	3.88	404,635	67,557
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	42,982	0.35		42,982

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
POTASSIUM CHLORIDE	30,340	0.25		30,340
OTHER BULKS PER FACILITY	6,970	0.06	0	6,970
TOTAL	2,539,271	20.85	404,635	2,134,636
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0			
PERLITE, VERMICULITE, SEPIOLITE	0			
SCRAP IRON	0			
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	0			
COMMON SALT	0			
SOYA FLOUR	0			
CLAYS	0			
ROUGH KAOLIN AND CYANITE	0			
GROUND GLASS	0			
GRANULATED SLAG	0			
OTHERS	0			
TOTAL	0			
GENERAL CARGO				
PERSONAL BELONGINGS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
CARS	0			
COFFEE	0			
FOOD PREPARATIONS	0			
TILES	0			
BOTTLED GRAPE WINE	0			
CRUDE SMELTING FOUNDING	0			
VEHICLES PARTS AND ACCESSORIES	0			
MINERAL WATERS	0			
DETERGENTS	0			
ETHYLENE POLYMERS	0			
POLYCARBOXYLIC ACIDS	0			
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0			
CEMENT IN SACKS	0			
NON-DRIED ALFALFA	0			
STUCCOED PAPERS AND CARDBOARDS	0			
MALT BEER, BOTTLED	0			
PLASTIC MANUFACTURED GOODS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
NON STUCCOED PAPERS AND CARDBOARDS	0			
MARBLE	0			
OTHER FURNITURE AND THEIR PARTS	0			
OLIVE OIL, BOTTLED	0			
WASTE PAPER	0			
NON-ALLOYED IRON AND STEEL, INGOTS	0			
PAPER AND CARDBOARDS	0			
ACCELERATING CHEMICAL PRODUCTS	0			
INORGANIC ACIDS	0			

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
ANIMAL FEED (TINNED)	0			
COMMON SOAP	0			
FROZEN FISH	0			
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	0			
BANANAS	0			
PULSES AND DRIED VEGETABLES	0			
BLOOMS AND TYRES	0			
SYNTHETIC FILLAMENT CABLES	0			
PAPER IN ROLLS AND SHEETS FOR PRINTING	0			
SCRAP IRON	0			
ORANGE BLOSSOM WATER	0			
MISCELLANEOUS GOODS	0			
TOTAL	0			

4.3.2.2. Loaded on private wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total loaded	1,026,834	100.00	387,037	639,797
BULK LIQUIDS				
BULK SOYA OIL	121,008	11.78		121,008
BULK PALM OIL	9,757	0.95		9,757
COCONUT OIL (COPRA), PALMIST	1,804	0.18		1,804
FUEL-OIL	4,552	0.44	4,332	220
PETROL AND KEROSENE	141,979	13.83	35,814	106,165
LUBRICANTS	0	0.00	0	0
NAPHTHA	0	0.00	0	0
DIESEL OIL	41,655	4.06	41,431	224
NATURAL GAS	0	0.00	0	0
SULPHURIC ACID	0	0.00	0	0
CAUSTIC SODA	156,772	15.27	53,678	103,094
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00	0	0
METHANOL, PROPANOL, BUTANOL	10,905	1.06		10,905
PEROXIDE ALCOHOL	7,552	0.74		7,552
ANHYDRIC ACID	500	0.05		500
POLYCARBOXYLIC ACIDS	0	0.00	0	0
NITRILE FUNCTION COMPOUNDS	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00	0	0
OTHER BULK LIQUIDS	25,240	2.46	0	25,240
TOTAL	521,724	50.81	135,255	386,469
BULK SOLIDS FOR SPECIAL FACILITY				
DRY PULSES WITHOUT POD	0	0.00	0	0
WHEAT	0	0.00	0	0
RYE	0	0.00	0	0
MAIZE WITH FACILITY	930	0.09		930
SOYA BEAN	0	0.00	0	0
BULK CEMENT AND CLINKER	413,778	40.30	240,818	172,960

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	500	0.05		500
POTASSIUM CHLORIDE	88,252	8.59	10,964	77,288
OTHER BULKS PER FACILITY	1,650	0.16	0	1,650
TOTAL	505,110	49.19	251,782	253,328
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0			
PERLITE, VERMICULITE, SEPIOLITE	0			
SCRAP IRON	0			
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	0			
COMMON SALT	0			
SOYA FLOUR	0			
CLAYS	0			
ROUGH KAOLIN AND CYANITE	0			
GROUND GLASS	0			
GRANULATED SLAG	0			
OTHERS	0			
TOTAL	0			
GENERAL CARGO				
PERSONAL BELONGINGS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
CARS	0			
COFFEE	0			
FOOD PREPARATIONS	0			
TILES	0			
BOTTLED GRAPE WINE	0			
CRUDE SMELTING FOUNDING	0			
VEHICLES PARTS AND ACCESSORIES	0			
MINERAL WATERS	0			
DETERGENTS	0			
ETHYLENE POLYMERS	0			
POLYCARBOXYLIC ACIDS	0			
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0			
CEMENT IN SACKS	0			
NON-DRIED ALFALFA	0			
STUCCOED PAPERS AND CARDBOARDS	0			
MALT BEER, BOTTLED	0			
PLASTIC MANUFACTURED GOODS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
NON STUCCOED PAPERS AND CARDBOARDS	0			
MARBLE	0			
OTHER FURNITURE AND THEIR PARTS	0			
OLIVE OIL, BOTTLED	0			
WASTE PAPER	0			
NON-ALLOYED IRON AND STEEL, INGOTS	0			
PAPER AND CARDBOARDS	0			
ACCELERATING CHEMICAL PRODUCTS	0			

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
INORGANIC ACIDS	0			
ANIMAL FEED (TINNED)	0			
COMMON SOAP	0			
FROZEN FISH	0			
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	0			
BANANAS	0			
PULSES AND DRIED VEGETABLES	0			
BLOOMS AND TYRES	0			
SYNTHETIC FILLAMENT CABLES	0			
PAPER IN ROLLS AND SHEETS FOR PRINTING	0			
SCRAP IRON	0			
ORANGE BLOSSOM WATER	0			
MISCELLANEOUS GOODS	0			
TOTAL	0			

4.3.2.3. Total unloaded and loaded on private wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded and loaded	13,203,753	100.00	1,792,672	11,411,081
BULK LIQUIDS				
BULK SOYA OIL	121,008	0.92	0	121,008
BULK PALM OIL	260,011	1.97	0	260,011
COCONUT OIL (COPRA), PALMIST	74,773	0.57	0	74,773
FUEL-OIL	399,017	3.02	351,157	47,859
PETROL AND KEROSENE	1,342,555	10.17	415,323	927,232
LUBRICANTS	40,074	0.30	0	40,074
NAPHTHA	27,695	0.21	0	27,695
DIESEL OIL	2,216,793	16.79	197,265	2,019,529
NATURAL GAS	4,645,985	35.19	0	4,645,985
SULPHURIC ACID	63,475	0.48	20,747	42,728
CAUSTIC SODA	260,905	1.98	53,678	207,227
XYLENE, TOLUENE, BENZENE, STYRENE	34,392	0.26	19,579	14,813
METHANOL, PROPANOL, BUTANOL	204,206	1.55	0	204,206
PEROXIDE ALCOHOL	30,435	0.23	0	30,435
ANHYDRIC ACID	35,870	0.27	2,000	33,870
POLYCARBOXYLIC ACIDS	29,429	0.22	0	29,429
NITRILE FUNCTION COMPOUNDS	30,498	0.23	0	30,498
AGGLUTINATING CHEMICAL PRODUCTS	66,038	0.50	0	66,038
OTHER BULK LIQUIDS	276,212	2.09	76,505	199,707
TOTAL	10,159,372	76.94	1,136,255	9,023,117
BULK SOLIDS FOR SPECIAL FACILITY				
DRY PULSES WITHOUT POD	38,973	0.30	0	38,973
WHEAT	181,996	1.38	0	181,996
RYE	26,987	0.20	0	26,987
MAIZE WITH FACILITY	344,976	2.61	0	344,976
SOYA BEAN	1,394,785	10.56	0	1,394,785
BULK CEMENT AND CLINKER	885,970	6.71	645,453	240,517

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	43,482	0.33	0	43,482
POTASSIUM CHLORIDE	118,592	0.90	10,964	107,628
OTHER BULKS PER FACILITY	8,620	0.07	0	8,620
TOTAL	3,044,381	23.06	656,417	2,387,964
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0			
PERLITE, VERMICULITE, SEPIOLITE	0			
SCRAP IRON	0			
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	0			
COMMON SALT	0			
SOYA FLOUR	0			
CLAYS	0			
ROUGH KAOLIN AND CYANITE	0			
GROUND GLASS	0			
GRANULATED SLAG	0			
OTHERS	0			
TOTAL	0			
GENERAL CARGO				
PERSONAL BELONGINGS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
CARS	0			
COFFEE	0			
FOOD PREPARATIONS	0			
TILES	0			
BOTTLED GRAPE WINE	0			
CRUDE SMELTING FOUNDING	0			
VEHICLES PARTS AND ACCESSORIES	0			
MINERAL WATERS	0			
DETERGENTS	0			
ETHYLENE POLYMERS	0			
POLYCARBOXYLIC ACIDS	0			
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0			
CEMENT IN SACKS	0			
NON-DRIED ALFALFA	0			
STUCCOED PAPERS AND CARDBOARDS	0			
MALT BEER, BOTTLED	0			
PLASTIC MANUFACTURED GOODS	0			
LAMINATED STEEL SUP. A 4,75 MM	0			
NON STUCCOED PAPERS AND CARDBOARDS	0			
MARBLE	0			
OTHER FURNITURE AND THEIR PARTS	0			
OLIVE OIL, BOTTLED	0			
WASTE PAPER	0			
NON-ALLOYED IRON AND STEEL, INGOTS	0			
PAPER AND CARDBOARDS	0			

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
ACCELERATING CHEMICAL PRODUCTS	0			
INORGANIC ACIDS	0			
ANIMAL FEED (TINNED)	0			
COMMON SOAP	0			
FROZEN FISH	0			
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	0			
BANANAS	0			
PULSES AND DRIED VEGETABLES	0			
BLOOMS AND TYRES	0			
SYNTHETIC FILLAMENT CABLES	0			
PAPER IN ROLLS AND SHEETS FOR PRINTING	0			
SCRAP IRON	0			
ORANGE BLOSSOM WATER	0			
MISCELLANEOUS GOODS	0			
TOTAL	0			

4.3.3. Unloaded and loaded during the year

4.3.3.1. Total unloaded

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded	22,357,255	100.00	2,748,676	19,608,579
BULK LIQUIDS				
BULK SOYA OIL	0	0.00	0	0
BULK PALM OIL	250,254	1.12	0	250,254
COCONUT OIL (COPRA), PALMIST	72,969	0.33		72,969
FUEL-OIL	394,464	1.76	346,825	47,639
PETROL AND KEROSENE	1,200,577	5.37	379,509	821,068
LUBRICANTS	40,074	0.18		40,074
NAPHTHA	27,695	0.12		27,695
DIESEL OIL	2,175,139	9.73	155,834	2,019,305
NATURAL GAS	4,645,985	20.78		4,645,985
SULPHURIC ACID	63,475	0.28	20,747	42,728
CAUSTIC SODA	104,132	0.47		104,132
XYLENE, TOLUENE, BENZENE, STYRENE	34,392	0.15	19,579	14,813
METHANOL, PROPANOL, BUTANOL	193,301	0.86		193,301
PEROXIDE ALCOHOL	22,884	0.10		22,884
ANHYDRIC ACID	35,370	0.16	2,000	33,370
POLYCARBOXYLIC ACIDS	29,429	0.13		29,429
NITRILE FUNCTION COMPOUNDS	30,498	0.14		30,498
AGGLUTINATING CHEMICAL PRODUCTS	66,038	0.30		66,038
OTHER BULK LIQUIDS	250,972	1.12	76,505	174,467
TOTAL	9,637,648	43.11	1,001,000	8,636,648
BULK SOLIDS FOR SPECIAL FACILITY				
DRY PULSES WITHOUT POD	38,973	0.17		38,973
WHEAT	181,996	0.81		181,996
RYE	26,987	0.12		26,987

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
MAIZE WITH FACILITY	344,047	1.54		344,047
SOYA BEAN	1,394,785	6.24		1,394,785
BULK CEMENT AND CLINKER	472,192	2.11	404,635	67,557
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	42,982	0.19		42,982
POTASSIUM CHLORIDE	30,340	0.14		30,340
OTHER BULKS PER FACILITY	6,970	0.03	0	6,970
TOTAL	2,539,271	11.36	404,635	2,134,636
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	0	0.00	0	0
COMMON SALT	25,657	0.11	6,200	19,457
ROUGH KAOLIN AND CYANITE	15,000	0.07		15,000
PERLITA. VERMICULITA.SEPIOLITA	37,200	0.17		37,200
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	28,059	0.13		28,059
GRANULATED SLAG	6,182	0.03	6,182	
MINERAL PEAT	4,493	0.02		4,493
PETROLIUM COKE	241,221	1.08		241,221
MINERAL OR CHEMICAL NITROGENOUS FERTILISERS	12,983	0.06		12,983
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00	0	0
GROUND GLASS	12,521	0.06		12,521
OTHERS	12,149	0.05	0	12,149
TOTAL	395,464	1.77	12,382	383,082
GENERAL CARGO				
FROZEN FISH	46,676	0.21	1,816	44,860
PULSES AND DRIED VEGETABLES	34,260	0.15	22	34,238
COFFEE	282,475	1.26	112	282,362
SOYA BEAN	64,100	0.29		64,100
NON-DRIED ALFALFA	0	0.00	0	0
OLIVE OIL, BOTTLED	0	0.00	0	0
OLIVES, PORCESSES VEGETABLES, UNFROZEN	36,924	0.17	33	36,891
FOOD PREPARATIONS	28,123	0.13	1,632	26,491
MINERAL WATERS	51,368	0.23	76	51,292
MALT BEER, BOTTLED	61,607	0.28	116	61,492
BOTTLED GRAPE WINE	35,275	0.16	621	34,654
MARBLE	77,554	0.35	19	77,535
CEMENT IN SACKS	0	0.00	0	0
NATURAL GAS	113,298	0.51		113,298
INORGANIC ACIDS	74,719	0.33	23,420	51,300
POLYCARBOXYLIC ACIDS	100,569	0.45		100,569
ORGANIC-INORGANIC CHEMICAL PRODUCTS	41,055	0.18		41,055
DETERGENTS	0	0.00	0	0
ACCELERATING CHEMICAL PRODUCTS	56,243	0.25	2	56,241
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	70,825	0.32	41	70,784
ETHYLENE POLYMERS	180,162	0.81	0	180,162
PROPYLENE GRANSES	0	0.00	0	0
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	35,442	0.16	0	35,442

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
PLASTIC MANUFACTURED GOODS	91,081	0.41	156	90,925
NEW PNEUMATICS	33,344	0.15	13	33,332
WASTE PAPER	74,261	0.33	36,534	37,727
PAPER IN ROLLS AND SHEETS FOR PRINTING	66,863	0.30	42	66,821
PAPER AND CARDBOARDS	53,350	0.24	1,633	51,717
KRAFT CARDBOARDS AND PAPER IN ROLLS	49,829	0.22	1	49,828
NON STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0
STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0
TILES	147,263	0.66	204	147,058
CRUDE SMELTING FOUNDING	233,190	1.04		233,190
NON-ALLOYED IRON AND STEEL, INGOTS	52,589	0.24	42	52,547
LAMINATED STEEL SUP. A 4,75 MM	412,089	1.84		412,089
LAMINATED STEEL SUP. A 4,75 MM	104,924	0.47		104,924
CARS	276,311	1.24	21,903	254,408
VEHICLES PARTS AND ACCESSORIES	101,439	0.45	155	101,284
OTHER FURNITURE AND THEIR PARTS	71,123	0.32	925	70,198
PERSONAL BELONGINGS	295,393	1.32	11,809	283,585
MISCELLANEOUS GOODS	6,331,147	28.32	1,229,332	5,101,814
TOTAL	9,784,872	43.77	1,330,659	8,454,213

4.3.3.2. Total loaded

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total loaded	12,417,433	100.00	3,999,029	8,418,404
BULK LIQUIDS				
BULK SOYA OIL	121,008	0.97		121,008
BULK PALM OIL	9,757	0.08		9,757
COCONUT OIL (COPRA), PALMIST	1,804	0.01		1,804
FUEL-OIL	4,552	0.04	4,332	220
PETROL AND KEROSENE	141,979	1.14	35,814	106,165
LUBRICANTS	0	0.00	0	0
NAPHTHA	0	0.00	0	0
DIESEL OIL	41,655	0.34	41,431	224
NATURAL GAS	0	0.00	0	0
SULPHURIC ACID	0	0.00	0	0
CAUSTIC SODA	156,772	1.26	53,678	103,094
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00	0	0
METHANOL, PROPANOL, BUTANOL	10,905	0.09		10,905
PEROXIDE ALCOHOL	7,552	0.06		7,552
ANHYDRIC ACID	500	0.00		500
POLYCARBOXYLIC ACIDS	0	0.00	0	0
NITRILE FUNCTION COMPOUNDS	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00	0	0
OTHER BULK LIQUIDS	25,240	0.20	0	25,240
TOTAL	521,724	4.20	135,255	386,469
BULK SOLIDS FOR SPECIAL FACILITY				
DRY PULSES WITHOUT POD	0	0.00	0	0

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
WHEAT	0	0.00	0	0
RYE	0	0.00	0	0
MAIZE WITH FACILITY	930	0.01		930
SOYA BEAN	0	0.00	0	0
BULK CEMENT AND CLINKER	413,778	3.33	240,818	172,960
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	500	0.00		500
POTASSIUM CHLORIDE	88,252	0.71	10,964	77,288
OTHER BULKS PER FACILITY	1,650	0.01	0	1,650
TOTAL	505,110	4.07	251,782	253,328
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	12,896	0.10		12,896
COMMON SALT	13,747	0.11	2,970	10,777
ROUGH KAOLIN AND CYANITE	0	0.00	0	0
PERLITA. VERMICULITA.SEPIOLITA	0	0.00	0	0
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	2,821	0.02		2,821
GRANULATED SLAG	0	0.00	0	0
MINERAL PEAT	0	0.00	0	0
PETROLIUM COKE	0	0.00	0	0
MINERAL OR CHEMICAL NITROGENOUS FERTLISERS	0	0.00	0	0
BULK FERTILISERS USING ANTIPOLLUTION MEANS	221,304	1.78	15,441	205,863
GROUND GLASS	0	0.00	0	0
OTHERS	7,214	0.06	4,264	2,950
TOTAL	257,982	2.08	22,675	235,307
GENERAL CARGO				
FROZEN FISH	33,119	0.27	407	32,712
PULSES AND DRIED VEGETABLES	32,486	0.26	68	32,418
COFFEE	101,660	0.82	1,461	100,198
SOYA BEAN	0	0.00	0	0
NON-DRIED ALFALFA	80,423	0.65	41,582	38,841
OLIVE OIL, BOTTLED	76,148	0.61	2,379	73,769
OLIVES, PORCESSES VEGETABLES, UNFROZEN	48,024	0.39	770	47,254
FOOD PREPARATIONS	428,674	3.45	400,042	28,632
MINERAL WATERS	208,533	1.68	156,565	51,967
MALT BEER, BOTTLED	106,712	0.86	76,291	30,421
BOTTLED GRAPE WINE	173,315	1.40	36,487	136,827
MARBLE	98,512	0.79	3,030	95,482
CEMENT IN SACKS	95,857	0.77	88,367	7,490
NATURAL GAS	0	0.00	0	0
INORGANIC ACIDS	0	0.00	0	0
POLYCARBOXYLIC ACIDS	0	0.00	0	0
ORGANIC-INORGANIC CHEMICAL PRODUCTS	32,410	0.26	2	32,408
DETERGENTS	113,456	0.91	37,496	75,960
ACCELERATING CHEMICAL PRODUCTS	49,313	0.40	114	49,199
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	136,515	1.10	6,895	129,620
ETHYLENE POLYMERS	150,159	1.21	2,941	147,218
PROPYLENE GRANSES	66,888	0.54	167	66,721

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	30,117	0.24	242	29,874
PLASTIC MANUFACTURED GOODS	60,469	0.49	6,997	53,472
NEW PNEUMATICS	34,005	0.27	1,397	32,608
WASTE PAPER	0	0.00	0	0
PAPER IN ROLLS AND SHEETS FOR PRINTING	20,745	0.17	9,966	10,779
PAPER AND CARDBOARDS	68,295	0.55	2,968	65,327
KRAFT CARDBOARDS AND PAPER IN ROLLS	29,231	0.24	1,239	27,992
NON STUCCOED PAPERS AND CARDBOARDS	79,986	0.64	1,917	78,070
STUCCOED PAPERS AND CARDBOARDS	103,462	0.83	7,916	95,546
TILES	295,342	2.38	49,176	246,166
CRUDE SMELTING FOUNDING	0	0.00	0	0
NON-ALLOYED IRON AND STEEL, INGOTS	29,834	0.24	12,271	17,563
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
CARS	481,465	3.88	83,282	398,183
VEHICLES PARTS AND ACCESSORIES	177,308	1.43	10,677	166,631
OTHER FURNITURE AND THEIR PARTS	76,017	0.61	33,654	42,363
PERSONAL BELONGINGS	651,544	5.25	398,322	253,222
MISCELLANEOUS GOODS	6,962,593	56.07	2,114,229	4,848,364
TOTAL	11,132,617	89.65	3,589,317	7,543,300

4.3.3.3. Total unloaded and loaded

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded and loaded	34,774,688	100.00	6,747,705	28,026,983
BULK LIQUIDS				
BULK SOYA OIL	121,008	0.35	0	121,008
BULK PALM OIL	260,011	0.75	0	260,011
COCONUT OIL (COPRA), PALMIST	74,773	0.22	0	74,773
FUEL-OIL	399,017	1.15	351,157	47,859
PETROL AND KEROSENE	1,342,555	3.86	415,323	927,232
LUBRICANTS	40,074	0.12	0	40,074
NAPHTHA	27,695	0.08	0	27,695
DIESEL OIL	2,216,793	6.37	197,265	2,019,529
NATURAL GAS	4,645,985	13.36	0	4,645,985
SULPHURIC ACID	63,475	0.18	20,747	42,728
CAUSTIC SODA	260,905	0.75	53,678	207,227
XYLENE, TOLUENE, BENZENE, STYRENE	34,392	0.10	19,579	14,813
METHANOL, PROPANOL, BUTANOL	204,206	0.59	0	204,206
PEROXIDE ALCOHOL	30,435	0.09	0	30,435
ANHYDRIC ACID	35,870	0.10	2,000	33,870
POLYCARBOXYLIC ACIDS	29,429	0.08	0	29,429
NITRILE FUNCTION COMPOUNDS	30,498	0.09	0	30,498
AGGLUTINATING CHEMICAL PRODUCTS	66,038	0.19	0	66,038
OTHER BULK LIQUIDS	276,212	0.79	76,505	199,707
TOTAL	10,159,372	29.21	1,136,255	9,023,117

BULK SOLIDS FOR SPECIAL FACILITY

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
DRY PULSES WITHOUT POD	38,973	0.11	0	38,973
WHEAT	181,996	0.52	0	181,996
RYE	26,987	0.08	0	26,987
MAIZE WITH FACILITY	344,976	0.99	0	344,976
SOYA BEAN	1,394,785	4.01	0	1,394,785
BULK CEMENT AND CLINKER	885,970	2.55	645,453	240,517
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	43,482	0.13	0	43,482
POTASSIUM CHLORIDE	118,592	0.34	10,964	107,628
OTHER BULKS PER FACILITY	8,620	0.02	0	8,620
TOTAL	3,044,381	8.75	656,417	2,387,964
BULK SOLID WITHOUT SPECIAL FACILITY				
SOYA FLOUR	12,896	0.04	0	12,896
COMMON SALT	39,404	0.11	9,170	30,234
ROUGH KAOLIN AND CYANITE	15,000	0.04	0	15,000
PERLITA. VERMICULITA.SEPIOLITA	37,200	0.11	0	37,200
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	30,880	0.09	0	30,880
GRANULATED SLAG	6,182	0.02	6,182	0
MINERAL PEAT	4,493	0.01	0	4,493
PETROLIUM COKE	241,221	0.69	0	241,221
MINERAL OR CHEMICAL NITROGENOUS FERTLISERS	12,983	0.04	0	12,983
BULK FERTILISERS USING ANTIPOLLUTION MEANS	221,304	0.64	15,441	205,863
GROUND GLASS	12,521	0.04	0	12,521
OTHERS	19,363	0.06	4,264	15,099
TOTAL	653,446	1.88	35,057	618,389
GENERAL CARGO				
FROZEN FISH	79,795	0.23	2,223	77,572
PULSES AND DRIED VEGETABLES	66,746	0.19	90	66,656
COFFEE	384,134	1.10	1,574	382,561
SOYA BEAN	64,100	0.18	0	64,100
NON-DRIED ALFALFA	80,423	0.23	41,582	38,841
OLIVE OIL, BOTTLED	76,148	0.22	2,379	73,769
OLIVES, PORCESSES VEGETABLES, UNFROZEN	84,948	0.24	803	84,145
FOOD PREPARATIONS	456,796	1.31	401,674	55,123
MINERAL WATERS	259,900	0.75	156,641	103,259
MALT BEER, BOTTLED	168,319	0.48	76,407	91,913
BOTTLED GRAPE WINE	208,590	0.60	37,108	171,481
MARBLE	176,066	0.51	3,049	173,018
CEMENT IN SACKS	95,857	0.28	88,367	7,490
NATURAL GAS	113,298	0.33	0	113,298
INORGANIC ACIDS	74,719	0.21	23,420	51,300
POLYCARBOXYLIC ACIDS	100,569	0.29	0	100,569
ORGANIC-INORGANIC CHEMICAL PRODUCTS	73,465	0.21	2	73,463
DETERGENTS	113,456	0.33	37,496	75,960
ACCELERATING CHEMICAL PRODUCTS	105,556	0.30	115	105,441
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	207,341	0.60	6,936	200,404

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
ETHYLENE POLYMERS	330,321	0.95	2,941	327,380
PROPYLENE GRANSES	66,888	0.19	167	66,721
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	65,559	0.19	242	65,316
PLASTIC MANUFACTURED GOODS	151,550	0.44	7,153	144,397
NEW PNEUMATICS	67,349	0.19	1,410	65,939
WASTE PAPER	74,261	0.21	36,534	37,727
PAPER IN ROLLS AND SHEETS FOR PRINTING	87,608	0.25	10,008	77,600
PAPER AND CARDBOARDS	121,645	0.35	4,601	117,044
KRAFT CARDBOARDS AND PAPER IN ROLLS	79,060	0.23	1,240	77,820
NON STUCCOED PAPERS AND CARDBOARDS	79,986	0.23	1,917	78,070
STUCCOED PAPERS AND CARDBOARDS	103,462	0.30	7,916	95,546
TILES	442,605	1.27	49,380	393,225
CRUDE SMELTING FOUNDING	233,190	0.67	0	233,190
NON-ALLOYED IRON AND STEEL, INGOTS	82,423	0.24	12,313	70,110
LAMINATED STEEL SUP. A 4,75 MM	412,089	1.19	0	412,089
LAMINATED STEEL SUP. A 4,75 MM	104,924	0.30	0	104,924
CARS	757,776	2.18	105,185	652,592
VEHICLES PARTS AND ACCESSORIES	278,747	0.80	10,832	267,915
OTHER FURNITURE AND THEIR PARTS	147,140	0.42	34,579	112,561
PERSONAL BELONGINGS	946,938	2.72	410,131	536,807
MISCELLANEOUS GOODS	13,293,739	38.23	3,343,561	9,950,178
TOTAL	20,917,489	60.15	4,919,976	15,997,513

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

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
ALBANIA		25	25	MARSHALL ISLANDS	1		1
GERMANY	97,102	13,538	110,641	ISRAEL	187,861	260,877	448,737
ANGOLA	41	3,069	3,109	ITALY	3,250,120	926,527	4,176,647
ANGUILA		15	15	JAMAICA	13,482	23,750	37,232
ANTIGUA AND BARBUDA	0	14	14	JAPAN	295,556	124,668	420,224
NETHERLANDS ANTILLES	107	600	707	JORDAN	5,784	17,829	23,614
SAUDI ARABIA	364,639	91,812	456,452	KENYA	56,465	10,100	66,565
ALGERIA	3,959,768	300,342	4,260,110	KUWAIT	20,855	8,379	29,234
ARGENTINA	168,777	81,736	250,512	LATVIA	28,691	4,217	32,908
ARUBA		24	24	LEBANON	4,127	55,801	59,928
AUSTRALIA	23,369	71,916	95,286	LIBERIA	601	506	1,107
AZERBAIJAN		140	140	LIBYA	481,809	18,687	500,496
THE BAHAMAS	18	428	446	LITHUANIA		1,291	1,291
BAHRAIN	2,211	2,434	4,646	MACAO	88	23	111
BANGLADESH	21,793	9,533	31,326	MADAGASCAR	396	1,266	1,662
BARBADOS		349	349	MALAYSIA	205,665	38,586	244,251
BELGIUM	13,474	42,005	55,479	MALDIVAS		13	13
BELIZE	24	31	56	MALTA	14,955	34,884	49,839
BENIN	2,153	14,866	17,019	MOROCCO	99,458	492,900	592,358

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
BERMUDES		156	156	MARTINIQUE	224	2,254	2,477
BRAZIL	1,762,151	236,020	1,998,171	MAURITIUS	2,513	3,430	5,943
BRUNEI		220	220	MAURITANIA	425	9,072	9,497
BULGARIA	57,440	15,933	73,373	MAYOTTE		29	29
BURKINA FASO	37	564	602	MEXICO	210,990	212,032	423,022
BURMA (BIRMANIA)		28	28	MOZAMBIQUE	2,367	1,261	3,627
CAMBODIA (KAMPUCHEA)	540	67	607	MYANMAR (BURMA)	1,572	199	1,770
CAMEROON	11,693	14,364	26,058	NAMIBIA	346	238	584
CANADA	219,192	104,048	323,240	NICARAGUA	106	212	318
CHILE	81,890	38,831	120,721	NIGERIA	65,512	104,606	170,118
CHINA	984,404	324,554	1,308,958	NORWAY	101,502	5,312	106,814
CYPRUS	7,541	34,676	42,217	NEW CALEDONIAN	999	183	1,182
COLOMBIA	25,730	26,050	51,780	NEW ZEALAND	11,684	13,130	24,813
COMOROS	17	30	47	OMAN	5,326	3,204	8,531
CONGO	130	1,846	1,976	NETHERLANDS	173,918	45,953	219,871
NORTH KOREA		38	38	PANAMA	526	6,460	6,986
SOUTH KOREA	185,651	115,438	301,089	PAPUA NEW GUINEA	43,094	9	43,103
IVORY COAST	68,458	49,449	117,907	PAKISTAN	106,236	23,046	129,282
COSTA RICA	32,095	17,017	49,112	PARAGUAY	2,653	3,782	6,435
CROATIA	7,977	442	8,419	PERU	12,446	15,089	27,534
CUBA	9,051	61,936	70,987	FRENCH POLYNESIA		156	156
UNKNOWN	52,500	28,973	81,474	POLAND	737	11,582	12,319
DENMARK	40,324	6,769	47,093	PORTUGAL	26,371	136,476	162,846
DJIBOUTI	5,130	3,904	9,034	PUERTO RICO	6,039	15,756	21,795
ECUADOR	4,013	9,154	13,166	QATAR	120,355	3,161	123,516
EGYPT	141,142	153,333	294,475	UNITED KINGDOM	208,940	131,104	340,044
EL SALVADOR	1,431	6,263	7,693	DOMINICAN REPUBLIC	14,067	20,855	34,922
UNITED ARAB EMIRATES	244,124	103,190	347,314	REPUBLIC OF SOUTH AFRICA	59,220	83,763	142,982
ERITREA	21	219	240	REPUBLIC OF CONGO	2,333	3,793	6,125
SLOVENIA	1,020	7,254	8,275	REUNION	7,015	4,028	11,043
SPAIN	3,055,470	4,376,890	7,432,360	ROMANIA	90,190	24,217	114,407
UNITED STATES	1,339,579	1,138,188	2,477,767	SAINT VICENT AND THE GRENADINES		8	8
ESTHONIA	6,005	3,643	9,648	SAINT LUCIA		53	53
ETHIOPIY		288	288	SAO TOME AND PRINCIPE		4	4
RUSSIA	205,055	44,945	250,000	SENEGAL	4,013	60,522	64,535
PHILIPPINES	23,796	12,124	35,920	SEYCHELLES	705	55	760

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
FINLAND	20,180	13,760	33,940	SIERRA LEONE		2,988	2,988
FIJI (ISLANDS)		64	64	SINGAPORE	59,358	115,255	174,612
FRANCE	626,234	177,236	803,470	SYRIA	17,557	55,362	72,919
GABON	1,072	2,391	3,463	SOMALIA	16	13	29
GAMBIA	6	2,519	2,526	SRI LANKA	27,546	17,566	45,112
GEORGIA	21,296	9,454	30,750	SUDAN	9,428	2,289	11,717
GHANA	10,216	58,697	68,913	SWEDEN	106,229	10,684	116,914
GIBRALTAR		11,802	11,802	SWITZERLAND		8	8
GREECE	231,899	323,174	555,073	SURINAM		2,307	2,307
GUADALUPE	12	2,758	2,770	TAIWAN	106,523	38,762	145,285
GUAM		14	14	TANZANIA	16,369	4,626	20,995
GUATEMALA	4,366	12,822	17,188	THAILAND	117,041	28,268	145,309
FRENCH GUIANA	5	446	451	TOGO	2,164	10,080	12,244
GUINEA	2,134	4,478	6,612	TRINIDAD AND TOBAGO	29,881	5,220	35,101
EQUATORIAL GUINEA	103	19,902	20,005	TUNISIA	66,950	210,607	277,557
GUIANA	252	230	481	TURQUOISE AND CAICOS ISLES		196	196
HAITI	224	7,067	7,291	TURKEY	345,822	402,709	748,531
HONDURAS	8,115	6,810	14,925	U.R.S.S.		26	26
HONG KONG	164,010	100,013	264,023	UKRAINE	119,976	23,090	143,066
HUNGARY		288	288	URUGUAY	33,301	14,992	48,293
INDIA	358,739	52,111	410,850	VENEZUELA	102,057	19,227	121,284
INDONESIA	427,819	23,509	451,328	VIETNAM	105,552	7,912	113,463
IRAN	16,313	60,753	77,066	YEMEN	22,939	2,062	25,001
IRELAND		16,444	16,444	YUGOSLAVIA		998	998
ICELAND		196	196	ZAIRE (REPUBLICA)	130	136	266
CAYMAN ISLANDS		58	58				
				TOTAL	22,357,255	12,417,432	34,774,688

4.3.5. Transhipped cargo

(None)

4.3.6. Classification of cargo by tariff T-3 (t)

Tariff T-3	Domestic and foreign	Local traffic	Total
Group 1	1,960,238	0	1,960,238
Group 2	9,108,782	0	9,108,782
Group 3	5,744,932	0	5,744,932
Group 4	1,597,650	0	1,597,650
Group 5	11,385,696	0	11,385,696
Facilities	4,977,391	0	4,977,391
TOTAL TARIFF T-3	34,774,688	0	34,774,688

4.3.7. Classification of cargo by type (t)

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
ENERGY	113,761	906,643	1,020,404	148,850	8,042,210	8,191,060	262,612	8,948,853	9,211,464
1 Crude-oil	82		82	747	594	1,341	829	594	1,423
2 Fuel-oil	4,506	346,965	351,470	1,202	47,711	48,913	5,708	394,676	400,384
3 Diesel-oil	42,355	155,873	198,228	224	2,019,305	2,019,529	42,579	2,175,178	2,217,757
4 Petrol	36,611	379,602	416,213	106,201	821,123	927,325	142,812	1,200,726	1,343,538
6 Other petroleum products	3,107	1,147	4,254	29,180	81,056	110,235	32,287	82,202	114,489
7 Petroleum fuel gases	25,287	23,046	48,334	6,905	48,380	55,285	32,192	71,427	103,619
12 Petroleum coals and coke	1,790	10	1,800	4,342	264,683	269,024	6,131	264,693	270,824
35 Natural gas	24		24	49	4,759,357	4,759,407	73	4,759,357	4,759,430
IRON AND STEEL	95,924	53,804	149,728	167,640	1,052,947	1,220,587	263,564	1,106,751	1,370,315
8 Iron ore	46	81	127	423	399	822	469	480	949
11 Scrap iron	4,466	52,341	56,806	6,712	4,597	11,310	11,178	56,938	68,116
13 Iron and steel products	91,412	1,383	92,795	160,505	1,047,950	1,208,455	251,917	1,049,333	1,301,250
METALLURGY	47,389	10,227	57,616	292,638	373,645	666,283	340,028	383,872	723,899
9 Pyrites			0	11,043	31,964	43,006	11,043	31,964	43,006
10 Other ores	41,747	10,060	51,806	231,188	282,489	513,677	272,935	292,548	565,483
36 Other metallurgical products	5,643	167	5,810	50,408	59,192	109,600	56,050	59,360	115,410
FERTILISERS	37,227	126	37,353	301,748	65,220	366,968	338,975	65,346	404,320
14 Phosphates	60		60	249	199	447	309	199	508
15 Potashes	29,005		29,005	283,559	31,615	315,174	312,564	31,615	344,179
16 Natural and artificial fertilisers	8,162	126	8,288	17,940	33,406	51,346	26,102	33,532	59,634
CHEMICALS	228,144	126,077	354,221	1,466,934	1,459,509	2,926,444	1,695,078	1,585,586	3,280,665
17 Chemical products	228,144	126,077	354,221	1,466,934	1,459,509	2,926,444	1,695,078	1,585,586	3,280,665
CONSTRUCTION MATERIALS	534,660	407,526	942,186	612,924	360,271	973,194	1,147,583	767,797	1,915,380
5 Asphalt	20		20	1,925	1,686	3,611	1,945	1,686	3,631

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
18 Cement and clinker	335,342	404,638	739,980	181,184	70,575	251,759	516,526	475,213	991,739
20 Construction materials	199,297	2,888	202,186	429,815	288,009	717,824	629,112	290,898	920,010
AGRICULTURE AND FOODS	1,088,046	78,979	1,167,025	1,337,603	3,688,491	5,026,094	2,425,650	3,767,469	6,193,119
21 Grain and flour	24,813	3,108	27,920	34,668	585,788	620,456	59,481	588,896	648,376
22 Soya beans and flour	579		579	190	1,460,298	1,460,489	769	1,460,298	1,461,067
23 Fruit vegetables and pulses	57,038	45,318	102,355	92,027	173,464	265,491	149,065	218,782	367,847
24 Wines, drinks, alcohol and derivatives	329,932	10,449	340,381	266,794	205,526	472,320	596,726	215,976	812,701
27 Canned food	8,723	230	8,953	93,212	103,945	197,156	101,935	104,174	206,109
28 Tobacco, cocoa, coffee and spices	11,676	671	12,348	167,083	390,549	557,633	178,760	391,221	569,981
29 Oils and fats	11,954	1,247	13,201	279,163	393,474	672,637	291,117	394,721	685,838
30 Other food products	537,159	14,974	552,133	235,827	229,354	465,182	772,986	244,329	1,017,315
33 Frozen fish	3,118	1,831	4,949	33,245	46,459	79,704	36,364	48,289	84,653
37 Feedstuffs	103,055	1,151	104,206	135,393	99,633	235,025	238,448	100,784	339,231
OTHER CARGO	693,439	142,843	836,282	1,998,869	2,618,078	4,616,946	2,692,307	2,760,921	5,453,228
19 Wood and cork	21,444	422	21,866	44,001	126,799	170,799	65,445	127,220	192,665
25 Common salt	4,855	7,770	12,625	16,278	21,157	37,435	21,134	28,926	50,060
26 Paper and pulp	30,011	39,822	69,833	453,698	284,134	737,833	483,710	323,957	807,666
31 Machinery, equipment, tools, spares	88,499	9,317	97,816	380,426	514,945	895,371	468,925	524,262	993,187
34 Other cargo	548,629	85,513	634,142	1,104,465	1,671,043	2,775,508	1,653,094	1,756,556	3,409,650
SPECIAL TRANSPORT	1,160,439	1,022,451	2,182,889	2,091,197	1,948,210	4,039,407	3,251,636	2,970,661	6,222,297
32 Automobiles and parts	99,924	23,936	123,859	631,395	423,054	1,054,448	731,318	446,989	1,178,308
38 Cargo truck platform tare (Ro-Ro)	711,286	675,649	1,386,936	167,736	145,646	313,382	879,023	821,295	1,700,318
39 Container tare	349,229	322,866	672,094	1,292,066	1,379,511	2,671,577	1,641,295	1,702,377	3,343,672
40 Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
TOTAL	3,999,029	2,748,676	6,747,704	8,418,404	19,608,580	28,026,983	12,417,432	22,357,255	34,774,688

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

Cargo	Domestic		Foreign		Total transit
	Load	Unload	Load	Unload	
ENERGY	5,659	0	100,339	88,601	194,599
1 Crude-oil			499	513	1,012
2 Fuel-oil			71	71	142
3 Diesel-oil					0
4 Petrol	5,659		87,558	75,350	168,567
6 Other petroleum products			5,389	5,656	11,045
7 Petroleum fuel gases			2,482	2,475	4,957
12 Petroleum coals and coke			4,291	4,487	8,778
35 Natural gas			49	49	99
IRON AND STEEL	82	0	43,298	45,926	89,305
8 Iron ore			120	120	240
11 Scrap iron	82		968	1,260	2,310
13 Iron and steel products			42,209	44,546	86,755
METALLURGY	0	0	100,593	105,700	206,293
9 Pyrites			47	47	94
10 Other ores			84,797	89,586	174,382
36 Other metallurgical products			15,750	16,067	31,817
FERTILISERS	0	0	3,984	3,964	7,948
14 Phosphates			122	122	244
15 Potashes					0
16 Natural and artificial fertilisers			3,862	3,842	7,704
CHEMICALS	63	11	256,582	257,909	514,565
17 Chemical products	63	11	256,582	257,909	514,565
CONSTRUCTION MATERIALS	8	5,217	200,745	206,554	412,523
5 Asphalt			1,686	1,686	3,372
18 Cement and clinker		5,180	2,963	2,983	11,125
20 Construction materials	8	37	196,096	201,885	398,026
AGRICULTURE AND FOODS	152	225	623,708	634,251	1,258,336
21 Grain and flour			19,738	17,960	37,698
22 Soya beans and flour			149	104	253
23 Fruit vegetables and pulses	22	72	78,351	83,261	161,706
24 Wines, drinks, alcohol and derivatives	20	45	114,895	116,712	231,672
27 Canned food	21	21	64,762	66,963	131,766
28 Tobacco, cocoa, coffee and spices	35	35	122,905	125,319	248,293
29 Oils and fats			40,677	39,483	80,160
30 Other food products		5	129,356	141,023	270,384
33 Frozen fish	55	47	30,918	20,816	51,836
37 Feedstuffs			21,957	22,611	44,568
OTHER CARGO	340	285	667,347	701,089	1,369,060
19 Wood and cork	95		31,702	34,263	66,059
25 Common salt			828	858	1,686
26 Paper and pulp		17	100,286	103,232	203,535
31 Machinery, equipment, tools, spares	37	31	102,843	107,792	210,703
34 Other cargo	207	237	431,688	454,945	887,078
SPECIAL TRANSPORT	754	4,619	520,669	567,946	1,093,989
32 Automobiles and parts	448	424	132,763	143,573	277,209
38 Cargo truck platform tare (Ro-Ro)			2,105	431	2,535

Cargo	Domestic		Foreign		Total transit
	Load	Unload	Load	Unload	
39 Container tare	306	4,195	385,801	423,942	814,244
40 Cargo in transit containers (TIC)					0
TOTAL	7,058	10,357	2,517,264	2,611,940	5,146,619

4.3.8. Roll-on / Roll-off traffic (t)

	Domestic	Foreign	Total
Cargo loaded			
In containers	619,224	348,708	967,931
By other means	1,960,409	944,797	2,905,206
TOTAL	2,579,632	1,293,505	3,873,137
Cargo Unloaded			0
In containers	196,407	221,751	418,159
By other means	794,591	720,038	1,514,628
TOTAL	990,998	941,789	1,932,787
Loaded and unloaded cargo			0
In containers	815,631	570,459	1,386,090
By other means	2,754,999	1,664,835	4,419,834
TOTAL	3,570,630	2,235,294	5,805,924

4.4. Local or river traffic (t)

Wharves	Total	Loaded	Unloaded
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	401,033
Liquid fuels	331,890
Coal	0
Ice	0
Miscellaneous	0
TOTAL	732,923

4.6. Fish catches

	Weight (t)	Value at 1st sale (euros)
Molluscs	122	901,704
Crustaceans	78	2,121,097
Fish	4,262	7,624,766
TOTAL FRESH FISH	4,462	10,647,567
Semi-cured cod	0	0
Frozen fish	0	0
TOTAL FISH	4,462	10,647,567

4.7. Container traffic

4.7.1. Container over 10 and under 20 feet

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	11	241	9	101	20	342
Empty	0	0	21	98	21	98
TOTAL	11	241	30	199	41	440
UNLOADED						
Full	2	18	9	118	11	136
Empty	8	16	6	27	14	43
TOTAL	10	34	15	146	25	179
LOADED AND UNLOADED						
Full	13	259	18	220	31	479
Empty	8	16	27	125	35	141
TOTAL	21	275	45	345	66	620

4.7.2. 20-Foot containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	40,452	596,745	163,899	2,963,100	204,351	3,559,845
Empty	13,296	26,661	36,226	73,910	49,522	100,570
TOTAL	53,748	623,405	200,125	3,037,010	253,873	3,660,415
UNLOADED						
Full	9,631	124,092	174,253	3,028,636	183,884	3,152,728
Empty	31,301	63,739	47,138	97,515	78,439	161,254
TOTAL	40,932	187,832	221,391	3,126,150	262,323	3,313,982
LOADED AND UNLOADED						
Full	50,083	720,837	338,152	5,991,736	388,235	6,712,573
Empty	44,597	90,400	83,364	171,424	127,961	261,824
TOTAL	94,680	811,237	421,516	6,163,160	516,196	6,974,397

4.7.3. Containers over 20 feet

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	52,429	967,915	167,839	3,301,817	220,268	4,269,732
Empty	6,246	24,334	53,566	212,771	59,812	237,106
TOTAL	58,675	992,249	221,405	3,514,588	280,080	4,506,837
UNLOADED						
Full	12,208	163,499	179,380	3,304,279	191,588	3,467,778
Empty	43,749	182,939	53,180	211,229	96,929	394,168
TOTAL	55,957	346,438	232,560	3,515,509	288,517	3,861,946
LOADED AND UNLOADED						
Full	64,637	1,131,414	347,219	6,606,096	411,856	7,737,510
Empty	49,995	207,273	106,746	424,001	156,741	631,274
TOTAL	114,632	1,338,687	453,965	7,030,097	568,597	8,368,784

4.7.4. Total containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	92,892	1,564,901	331,747	6,265,019	424,639	7,829,919
Empty	19,542	50,995	89,813	286,779	109,355	337,774
TOTAL	112,434	1,615,896	421,560	6,551,797	533,994	8,167,693
UNLOADED						
Full	21,841	287,609	353,642	6,333,033	375,483	6,620,642
Empty	75,058	246,694	100,324	308,771	175,382	555,465
TOTAL	96,899	534,303	453,966	6,641,805	550,865	7,176,108
LOADED AND UNLOADED						
Full	114,733	1,852,510	685,389	12,598,052	800,122	14,450,562
Empty	94,600	297,689	190,137	595,550	284,737	893,239
TOTAL	209,333	2,150,199	875,526	13,193,602	1,084,859	15,343,800

4.7.4.1. Total containers in transit

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	57	819	117,384	2,319,190	117,441	2,320,009
Empty	58	131	9,909	29,184	9,967	29,316
TOTAL	115	951	127,293	2,348,374	127,408	2,349,325
UNLOADED						
Full	110	885	121,283	2,389,533	121,393	2,390,419
Empty	1,177	3,918	17,750	55,843	18,927	59,761
TOTAL	1,287	4,803	139,033	2,445,377	140,320	2,450,180
LOADED AND UNLOADED						
Full	167	1,705	238,667	4,708,723	238,834	4,710,428
Empty	1,235	4,049	27,659	85,028	28,894	89,077
TOTAL	1,402	5,754	266,326	4,793,751	267,728	4,799,505

4.7.5. Total T.E.U. Containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	145,301	1,564,901	499,579	6,265,019	644,880	7,829,919
Empty	25,785	50,995	142,302	286,779	168,087	337,774
TOTAL	171,086	1,615,896	641,881	6,551,797	812,967	8,167,693
UNLOADED						
Full	34,046	287,609	533,068	6,333,033	567,114	6,620,642
Empty	118,795	246,694	153,490	308,771	272,285	555,465
TOTAL	152,841	534,303	686,558	6,641,805	839,399	7,176,108
LOADED AND UNLOADED						
Full	179,347	1,852,510	1,032,647	12,598,052	1,211,994	14,450,562
Empty	144,580	297,689	295,792	595,550	440,372	893,239
TOTAL	323,927	2,150,199	1,328,439	13,193,602	1,652,366	15,343,800

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

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	87	819	178,139	2,319,190	178,226	2,320,009
Empty	70	131	14,280	29,184	14,350	29,316
TOTAL	157	951	192,419	2,348,374	192,576	2,349,325
UNLOADED						
Full	139	885	184,111	2,389,533	184,250	2,390,419
Empty	1,945	3,918	27,942	55,843	29,887	59,761
TOTAL	2,084	4,803	212,053	2,445,377	214,137	2,450,180
LOADED AND UNLOADED						
Full	226	1,705	362,250	4,708,723	362,476	4,710,428
Empty	2,015	4,049	42,222	85,028	44,237	89,077
TOTAL	2,241	5,754	404,472	4,793,751	406,713	4,799,505

4.7.6. Goods transported in containers classified by type (t)

Cod Goods	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
ENERGY	9,820	537	10,356	41,087	50,544	91,631	50,907	51,080	101,987
1 Crude-oil	79		79	747	594	1,341	826	594	1,420
2 Fuel-oil	173	140	313	982	71	1,054	1,156	211	1,367
3 Diesel-oil	270		270		1	1	270	1	270
4 Petrol	688		688	37	56	92	724	56	780
6 Other petroleum products	774	376	1,149	28,077	27,001	55,078	28,851	27,376	56,227
7 Petroleum fuel gases	6,899	11	6,910	6,853	4,173	11,026	13,752	4,184	17,936
12 Petroleum coals and coke	918	10	928	4,342	18,573	22,915	5,259	18,583	23,843
35 Natural gas	20		20	49	74	124	69	74	144
IRON AND STEEL	59,886	32,810	92,696	118,571	236,569	355,141	178,457	269,379	447,836

Cod	Goods	Domestic			Foreign			Total		
		Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
8	Iron ore	0		0	374	359	733	374	359	733
11	Scrap iron	123	31,969	32,092	6,663	2,597	9,261	6,786	34,567	41,353
13	Iron and steel products	59,763	840	60,603	111,534	233,613	345,147	171,297	234,453	405,750
	METALLURGY	35,727	3,913	39,640	242,628	251,517	494,145	278,355	255,429	533,784
9	Pyrites			0	420	19,315	19,735	420	19,315	19,735
10	Other ores	31,918	3,848	35,766	194,429	179,302	373,731	226,347	183,150	409,497
36	Other metallurgical products	3,809	65	3,874	47,778	52,900	100,678	51,587	52,965	104,552
	FERTILISERS	2,291	126	2,417	15,252	12,417	27,669	17,543	12,543	30,086
14	Phosphates	16		16	249	199	447	265	199	463
15	Potashes	1		1	408	1,275	1,683	410	1,275	1,685
16	Natural and artificial fertilisers	2,274	126	2,400	14,595	10,943	25,538	16,869	11,069	27,938
	CHEMICALS	158,902	26,354	185,256	1,310,831	822,729	2,133,560	1,469,733	849,083	2,318,816
17	Chemical products	158,902	26,354	185,256	1,310,831	822,729	2,133,560	1,469,733	849,083	2,318,816
	CONSTRUCTION MATERIALS	163,717	1,116	164,833	429,154	289,020	718,174	592,871	290,136	883,007
5	Asphalt	20		20	1,925	1,686	3,611	1,945	1,686	3,631
18	Cement and clinker	61,171	2	61,173	7,960	3,018	10,979	69,131	3,020	72,151
20	Construction materials	102,526	1,114	103,640	419,269	284,315	703,585	521,795	285,430	807,225
	AGRICULTURE AND FOODS	467,600	60,967	528,567	1,136,146	1,203,057	2,339,203	1,603,746	1,264,024	2,867,770
21	Grain and flour	15,518	2,250	17,768	33,433	25,581	59,015	48,951	27,832	76,783
22	Soya beans and flour	540		540	190	1,414	1,604	730	1,414	2,144
23	Fruit vegetables and pulses	12,598	42,136	54,735	90,547	150,469	241,016	103,145	192,605	295,751
24	Wines, drinks, alcohol and derivatives	204,217	7,136	211,353	266,201	192,463	458,664	470,418	199,599	670,017
27	Canned food	8,253	230	8,483	91,614	103,841	195,454	99,867	104,070	203,937
28	Tobacco, cocoa, coffee and spices	11,553	652	12,205	167,065	390,425	557,491	178,618	391,078	569,696
29	Oils and fats	11,076	1,219	12,295	101,721	32,129	133,850	112,797	33,348	146,144
30	Other food products	114,832	4,739	119,571	234,913	206,121	441,035	349,746	210,860	560,606
33	Frozen fish	630	1,816	2,446	32,712	44,877	77,589	33,342	46,693	80,035
37	Feedstuffs	88,383	788	89,171	117,749	55,737	173,485	206,132	56,525	262,657
	OTHER CARGO	360,811	85,451	446,262	1,752,315	2,230,160	3,982,474	2,113,126	2,315,610	4,428,737
19	Wood and cork	8,775	313	9,088	43,199	64,496	107,695	51,974	64,809	116,783
25	Common salt	1,825	3	1,827	4,679	1,700	6,379	6,504	1,703	8,207
26	Paper and pulp	18,267	20,536	38,803	425,484	259,616	685,100	443,751	280,152	723,903
31	Machinery, equipment, tools, spares	64,451	5,155	69,606	361,124	494,287	855,411	425,575	499,442	925,017
34	Other cargo	267,493	59,444	326,937	917,829	1,410,061	2,327,890	1,185,322	1,469,504	2,654,826
	SPECIAL TRANSPORT	357,142	323,030	680,172	1,505,812	1,545,793	3,051,605	1,862,954	1,868,823	3,731,777
32	Automobiles and parts	7,789	1,597	9,386	214,348	166,313	380,661	222,138	167,909	390,047
38	Cargo truck platform tare (Ro-Ro)	710	27	737	779	433	1,212	1,489	460	1,949
39	Container tare	348,642	321,406	670,049	1,290,685	1,379,047	2,669,732	1,639,327	1,700,454	3,339,781
40	Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
	TOTAL	1,615,896	534,303	2,150,199	6,551,797	6,641,805	13,193,602	8,167,693	7,176,108	15,343,800

4.8. General summary of maritime traffic

4.8.1. General table number 1

Items	Tonnes	
	Partial	Total
LIQUID BULK		10,159,372
Petroleum products	8,688,892	
Other liquids	1,470,480	
SOLID BULK	3,697,827	3,697,827
GENERAL CARGO	20,917,489	20,917,489
LOCAL TRAFFIC	0	0
SHIP SUPPLIES		732,923
Petroleum products	331,890	
Other	401,033	
FISHING	4,462	4,462
TOTAL	35,512,073	35,512,073

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

Items	Tonnes
Cargo loaded	13,150,355
Cargo unloaded	22,361,718
Cargo transhipped	0
TOTAL	35,512,073

4.8.3. General table number 3

Items	Tonnes	
	Partial	Total
FOREIGN TRADE		28,026,984
Import	19,608,580	
Export	8,418,404	
Transshipment	0	
DOMESTIC TRADE	6,747,704	6,747,704
FISHING SUPPLIES AND LOCAL TRAFFIC	737,385	737,385
TOTAL	35,512,073	35,512,073

4.8.4. General table number 4

Items	Tonnes
Petroleum products (1)	9,020,782
Solid bulk	3,697,827
General cargo	20,917,489
Other (2)	1,875,975
TOTAL	35,512,073

(1) Includes petroleum product supplying.

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

4.8.5. General table number 5

Type of traffic	Tonnes			
	Total	Loaded	Unloaded	Transhipped
Domestic and foreign cargo	34,774,688	12,417,432	22,357,256	0
Local or river traffic	0	0	0	0
Supplies	732,923	732,923	0	0
Fishing	4,462	0	4,462	0
TOTAL	35,512,073	13,150,355	22,361,718	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	2,286,304	1,309,287	977,017
Road	22,534,833	13,642,807	8,892,026
Oil pipeline	4,806,931	4,782,864	24,067
Other means	0	0	0
Subtotal	29,628,068	19,734,958	9,893,110
No land transport	5,146,619	2,622,297	2,524,322
TOTAL	34,774,687	22,357,255	12,417,432



5 Use of the Port

This chapter describes the activity at the Port of Barcelona during 2003 from a different perspective from that of the previous chapter. It offers data on the use of the many Port facilities, including the cargo loaded and unloaded on each wharf, the number of vessels entering dry dock and their tonnage, and the sum of the lengths of all vessels berthing at the Port in 2003.

Introduction

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

5 Use of the Port

5.0. Use of wharves (t)

Wharf or berth	Loading	Unloading	Total
ADOSSAT 0 - 00A	31,586	3,353	34,939
Liquid bulk		256	256
General cargo	31,586	3,097	34,682
ADOSSAT B - 01B	0	33,556	33,556
Solid bulk		33,556	33,556
ADOSSAT C - 01C	440,679	176,626	617,305
General cargo	440,679	176,626	617,305
ADOSSAT D - 01D	133,964	61,662	195,625
Liquid bulk	0		0
General cargo	133,964	61,662	195,625
ADOSSAT E - 01E	4,514	960	5,474
General cargo	4,514	960	5,474
ÁLV. DE LA CAMPA (RO-RO) - 26A	403,677	135,747	539,424
General cargo	403,677	135,747	539,424
ÁLVAREZ DE LA CAMPA B - 26B	239,405	1,201,474	1,440,879
Liquid bulk	46,113		46,113
Solid bulk	12,896	1,141,812	1,154,708
General cargo	180,396	59,662	240,058
BARCELONA (EST) - 18B	0	705	705
General cargo		705	705
BARCELONA (NORD) - 18A	87,191	38,241	125,431
Liquid bulk	220		220
General cargo	86,971	38,241	125,211
BARCELONA (SUD) - 18C	590,709	253,283	843,991
General cargo	590,709	253,283	843,991
CONTRADIC (EST) - 22B	0	1,287,854	1,287,854
Liquid bulk		0	0
Solid bulk		1,223,755	1,223,755
General cargo		64,100	64,100
CONTRADIC (NORD) - 22A	504,503	29,687	534,190
Liquid bulk	177,134	9,394	186,529
Solid bulk	326,253	12,983	339,236
General cargo	1,115	7,310	8,425
CONTRADIC (SUD) - 22C	453,594	411,313	864,907
Liquid bulk	24,411	16,118	40,528
Solid bulk	416,599	394,370	810,969
General cargo	12,584	826	13,410
COSTA - 21A	147,937	80,604	228,541
Liquid bulk	7,083	3,022	10,105
Solid bulk	500		500
General cargo	140,354	77,582	217,936
DARSENA INTERIOR A - 31A	152,889	144,084	296,974
General cargo	152,889	144,084	296,974
DARSENA INTERIOR B - 31B	142,147	28,016	170,163
General cargo	142,147	28,016	170,163
DARSENA SUD A - 30A	22,820	646,480	669,300
Liquid bulk	0		0

Wharf or berth	Loading	Unloading	Total
General cargo	22,820	646,480	669,300
DARSENA SUD B - 30B	18,153	135,804	153,958
General cargo	18,153	135,804	153,958
DARSENA SUD C - 30C	103,999	83,244	187,243
Liquid bulk	6,396		6,396
General cargo	97,602	83,244	180,847
DRASSANES B - 17B	171	151	321
General cargo	171	151	321
ANCHORAGE - 90A	1,599	5,730	7,329
General cargo	1,599	5,730	7,329
INFLAMABLES A - 32A	134,711	968,100	1,102,811
Liquid bulk	134,711	964,876	1,099,588
General cargo		3,224	3,224
INFLAMABLES B - 32B	0	103,075	103,075
Liquid bulk		103,075	103,075
INFLAMABLES C - 32C	10,055	301,180	311,235
Liquid bulk	10,055	301,180	311,235
General cargo		1	1
INFLAMABLES D - 32D	3,707	416,639	420,346
Liquid bulk	3,707	416,638	420,345
General cargo		1	1
INFLAMABLES E - 32E	19,278	338,628	357,906
Liquid bulk	19,278	338,624	357,902
General cargo	0	4	4
INFLAMABLES F - 32F	6,300	212,794	219,094
Liquid bulk	6,300	207,471	213,771
General cargo		5,322	5,322
INFLAMABLES H - 32H	2	4,106,252	4,106,254
Liquid bulk		4,106,232	4,106,232
General cargo	2	20	22
LEPANT A - 27A	556,167	173,407	729,573
General cargo	556,167	173,407	729,573
LEPANT B - 27B	141,072	53,830	194,902
General cargo	141,072	53,830	194,902
MOLL 0	35	14	49
General cargo	35	14	49
NOU CONTRADIC C - 33C	0	653,051	653,051
Liquid bulk		539,752	539,752
General cargo		113,298	113,298
OEST - 23A	36,015	131,301	167,316
Liquid bulk	26,399		26,399
Solid bulk	6,843	124,747	131,590
General cargo	2,773	6,554	9,327
PANTALÀ (PLTF. 2 NORD) - 25B	25,519	270,896	296,415
Liquid bulk	25,519	270,896	296,415
PANTALÀ (PLTF. 2 SUD) - 25E	11,772	359,234	371,005
Liquid bulk	11,772	359,234	371,005
PANTALÀ (PLTF. 3 NORD) - 25C	19,402	1,105,455	1,124,857
Liquid bulk	19,402	1,105,455	1,124,857
PANTALÀ (PLTF. 3 SUD) - 25D	0	895,425	895,425
Liquid bulk		895,425	895,425

Wharf or berth	Loading	Unloading	Total
PONENT (EST) - 20C	7,754	19,395	27,149
Liquid bulk	3,000		3,000
General cargo	4,754	19,395	24,149
PONENT (NORD) - 20A	579,252	535,738	1,114,990
General cargo	579,252	535,738	1,114,990
PONENT (SUD) - 20D	178,498	143,516	322,014
General cargo	178,498	143,516	322,014
PRINCEP D'ESPANYA - 29A	2,348,792	2,258,424	4,607,216
Liquid bulk	200		200
Solid bulk		3,513	3,513
General cargo	2,348,592	2,254,911	4,603,503
SANT BERTRAN A - 19A	467,976	198,635	666,610
General cargo	467,976	198,635	666,610
SANT BERTRAN B - 19B	254,537	87,142	341,678
General cargo	254,537	87,142	341,678
SUD (EST) - 24B	3,224,203	3,492,668	6,716,871
Liquid bulk	24		24
General cargo	3,224,180	3,492,668	6,716,847
SUD (NORD) - 24A	912,851	773,884	1,686,735
General cargo	912,851	773,884	1,686,735
TOTAL	12,417,432	22,357,255	34,774,688

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	14
G.T. of ships moored	211,573
G.T. per day of ships moored	-

5.3. Berths

Number of ships berthed	8,987
Linear metres of berths (sum of ship lengths)	1,365,215
Linear metres per day of berthing	-

5.4. Area utilisation (t/day)

Areas	Covered	Uncovered	Total
Wharf area and others	0	2,931,979	2,931,979
TOTAL	0	2,931,979	2,931,979

5.5. Mechanical shore equipment

5.5.1. Cranes

Cranes	With hook or bucket	
	Hours	Tonnes
FIXED OR ON RAILS		
Vessel loading or unloading	1,557.85	279,634.51
Moving or lifting	-	-
TOTAL	1,557.85	279,634.51
ON TYRES		
Vessel loading or unloading	-	-
Moving or lifting	0	0
TOTAL	0	0

5.5.2. Special facilities

Facilities	Hours	Tonnes
CARGILL ESPAÑA S.A.	-	809,028
CEMEX ESPAÑA S.A.	-	381,407
CIA. LOGISTICA DE HIDROCARBUROS S.A.	-	2,716,604
COMA Y RIBAS S.L.	-	133,301
COMERCIALIZADORA MEDITERRANEA CEMENTOS	-	20,044
COMPAÑIA TRASMEDITERRANEA S.A.	-	220
DECAL ESPAÑA S.A.	-	1,082,986
DEMAGRISA	-	6,621
ENAGAS S.A.	-	4,630,906
ERGRANSA S.A.	-	1,233,391
ERSHIP S.A.	-	4,065
H.JOSE M. MASQUES S.A.	-	1,321
KOALAGAS S.A.	-	16,773
LOIRET AND HAENTJENS ESPAÑA, S.A.	-	21,041
MOYRESA MOLTURACION Y REFINO S.A.	-	72,565
PORTCEMEN S.A.	-	413,778
RECEPTORA DE LIQUIDOS	-	519,270
S.A. PARA LA DESCARGA DE ACEITES	-	167,243
SAPORT-MAPOR S.A.	-	9,251
TERMINAL CATALUNYA S.A.	-	3,713
TERMINAL CONTENIDORS DE BARCELONA S.L.	-	24

Facilities	Hours	Tonnes
TERMINAL PORT-NOU S.A.		6,031
TERMINALES PORTUARIAS S.A.		689,081
TERMINALES QUIMICOS S.A.		147,275
TRAFICO DE MERCANCIAS S.A.		88,252
REST		29,564
TOTAL	-	13,203,753

5.6. Conveyor trucks

Hours.- -

5.7. Conveyor belts

Hours.- -

5.8. Mechanical shovels

Hours.- -

5.9. Railways shunting, locomotives

Hours.- -

5.10. Wagons

Number of transported wagon -

5.11. Trucks

Number of entering trucks -

5.12. Weighbridges

Services	-
Number of hours.-	-

5.13. Floating cranes

Services	-
Number of hours.-	-

5.14. Tugboats

Services	-
Number of hours.-	-

5.15. Slipways

Number of ship launching	-
Launched tones	-

5.16. Floating dock

Number of vessels	10
G.T.	42,634

5.17. Barges

Services	-
Number of hours.-	-

5.18. Dry dock

Number of vessels	19
G.T.	363,468



6 Construction works

This chapter includes the investments in construction works that were partially or completely executed in 2003 by the Barcelona Port Authority. A description of the main projects is included.

Introduction

6.1. Works in progress or completed during the year

6.2. Brief description of the most important works

6 Construction works

6.1. Works in progress or completed during the year

Application budgets	Ref. EPPE	Name of the works	Net budget approved (Euros)	Certified at origin (Euros)	Certified during the year (Euros)	Location
1,2	7212OP012	MODIFICATION OF THE BUILDING PROJECT FOR THE SEA DEFENCES OF THE OPENING OF THE NEW ENTRANCE MOUTH	48,120,033.62	39,771,376.20	8,348,657.42	Completed
1	7212OP004	MODIFICATION OF THE BUILDING PROJECT FOR THE EXTENSION OF THE EAST SEAWALL	197,284,124.18	6,611,133.15	21,021,000.00	Underway
1	7212OP005	MODIFICATION OF THE BUILDING PROJECT OF THE ENLARGEMENT OF THE SUD SEAWALL STRETCHES 1 AND 2	194,045,327.36	14,678,194.08	37,000,000.00	Underway
1	7239OP003	MODIFICATION OF THE REMODELLING OF THE MONTJUIC LIGHTHOUSE	1,755,000.00	0.00	400,000.00	Underway
1	7299VP001	VAT SUBSIDIES PAID FOR BY THE APB	35,763,000.00	4,842,780.64	1,990,362.01	Underway
1	7223OP013	REMODELLING BOSCH I ALSINA WHARF PHASE 2 (VAT not deductible)	2,506,453.16	590,000.12	1,916,453.04	Completed
1	7239OP002	DRAFTING OF THE PROJECT FOR THE PORT CONTROL TOWER	168,465.87	0.00	152,572.50	Underway
1	7223OP007	ENLARGEMENT OF THE ADOSSAT WHARF- PHASE 1	7,088,363.00	3,088,012.10	4,000,350.90	Completed
1	7214OP001	ENLARGEMENT OF THE ADOSSAT WHARF PHASE 2 EMBANKMENT WORKS	2,761,222.00	918,541.04	1,842,680.96	Completed
1	7223OC040	COMPLEMENTARY WORKS OF THE PROJECT FOR REINFORCING THE ROAD SURFACE ENLARGEMENT OF THE SUD WHARF	573,720.41	573,574.42	145.99	Completed
1	7212OP001	COASTAL CORRECTIVE MEASURES PHASE 1	10,245,083.00	699,774.76	9,545,308.24	Completed
1	7212OP013	COASTAL CORRECTIVE MEASURES PHASE 2	2,297,693.57	1,373,987.62	923,705.95	Completed
1	7212OP003	COASTAL CORRECTIVE MEASURES PHASE 3 A	2,559,103.00	1,690,043.10	869,059.90	Underway
1	7223OP012	DEVELOPMENT OF SANT BERTRAN WHARF PHASE 1	4,200,330.19	0.00	4,200,330.19	Completed

Application budgets	Ref. EPPE	Name of the works	Net budget approved (Euros)	Certified at origin (Euros)	Certified during the year (Euros)	Location
1	7223OP005	REINFORCING THE ROAD SURFACE ON THE ENLARGEMENT OF THE SOUTH WHARF	3,503,468.11	3,503,065.96	402.15	Completed
1	7214OP002	PREPARATION OF THE DRAFT PROJECT FOR REMODELLING OF THE FISHING AREA	102,672.32	0.00	102,672.32	Completed
1	7229OP009	REMODELLING PORT VELL SEWERAGE.	2,276,408.19	2,200,000.05	76,408.14	Underway
1	7229OP010	REMODELLING PORT VELL SEWERAGE. REMOTE CONTROL	168,269.84	59,999.99	108,269.85	Completed
1	7222OP013	SOUTH ACCESS TO SECTOR 8 PHASE 2	1,418,756.10	600,000.00	818,756.10	Completed
1	7223OP036	REINFORCING OF THE SURFACE OF THE RINGROAD STRETCHES III, IV, V and VI	1,048,120.31	1,048,096.02	24.29	Completed
1	7223OP037	REMODELLING BOSCH I ALSINA WHARF PHASE 3	4,961,710.16	0.00	891,504.14	Underway
1	7224OP003	ORNAMENTATION WORKS ON THE ACCESS TO BARCELONA WHARF	1,019,421.97	116,000.00	912,704.45	Completed
1	7224OP005	COMPLEMENTARY LIGHTING ON THE ESPANYA WHARF	296,652.85	34,621.06	262,031.79	Completed
1	7239OP021	REMODELLING OF THE GROUND FLOOR APB HEADQUARTERS	688,583.97	0.00	585,804.42	Completed
1	7222OP019	RAIL TERMINAL IN Z STREET	455,305.10	0.00	455,305.10	Completed
1	7223OP042	SURFACING OF THE NEW SETRAM CONCESSION STREET 3 PHASE 1	1,333,169.69	0.00	1,333,169.69	Completed
1	7223OP044	DRAFTING OF THE PROJECT FOR THE DEVELOPMENT OF THE PG. MARITIME BARCELONETA FINAL STRETCH	132,438.36	0.00	132,438.36	Completed
1	7222OP020	RELEVELLING OF CRANE TRACKS IN THE ENLARGEMENT OF ADOSSAT WHARF PHASE 1	476,496.55	0.00	490,296.55	Completed

Application budgets	Ref. EPPE	Name of the works	Net budget approved (Euros)	Certified at origin (Euros)	Certified during the year (Euros)	Location
1	7223OP046	DEMOLITIONS ON THE NEW SETRAM CONCESSION STREET 3	288,855.50	0.00	288,855.50	Completed
					9,031,556.75	
Payment balances					9,031,556.75	
Small-budget works					5,231,935.75	
TOTAL					112,932,762.45	

6.2. Brief description of the most important works

1 MODIFICATION OF THE BUILDING PROJECT FOR THE SEA DEFENCES OF THE OPENING OF THE NEW ENTRANCE

In order to improve the passage of fishing vessels, pleasure craft, fast ferries and tourist cruisers we envisage building a new entrance mouth on the Llevant wharf, which will avoid having to travel 7 kilometres within the port to get to the entrance mouth. This will notably reduce the number of vessels sailing through the channels and docks of the port, with a subsequent increase in safety for maritime shipping.

Furthermore, the new entrance mouth will allow renewal of port waters and will improve environmental conditions.

The works comprise the construction of a seawall 1,500 metres long which runs parallel to the current breakwater, and made up of an initial sloping stretch concrete blocks up to 40 Tn supported in successive layers of rockpile; then a second stretch of 500 m. made up of floating caissons of reinforced concrete of 33.75 m x 19.60 m x 19.50 m.

2 MODIFICATION OF THE BUILDING PROJECT FOR THE EXTENSION OF THE EAST SEAWALL

The current port was planned in the late sixties and early seventies, and its physical layout is very similar to that of the late eighties, which then handled some 18 million Tn. Therefore it should be noted that:

Current traffic forecasts, which in 2000 were more than 30 million Tn, are way over the most optimistic figures of the 1989 Master Plan.

The Port of Barcelona is currently clearly suffering from a lack of space, because of the delay in the execution of the works foreseen in the Master Plan, especially the delay in the diversion of the river Llobregat.

The new seawalls have to be built now to create a larger area of sheltered waters, making it possible to build the wharves necessary to face up to the demand.

The project consists of the construction of a sloping seawall 1,968 m long with a type section, subsequent to prior dredging of 3m, made up of solid concrete blocks of 50 Tn, resting on which successive layers of rockpile with an emerging wall of solid concrete crowned at a height of +12.00.

3 MODIFICATION OF THE BUILDING PROJECT FOR THE ENLARGEMENT OF THE SOUTH SEAWALL STRETCHES 1

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

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

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

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

4 MODIFICATION OF THE REMODELLING OF THE MONTJUÏC LIGHTHOUSE

As a result of the need for greater space for the Port Community, we envisage using this building as the Community headquarters.
This would involve enlarging and remodelling the lighthouse building including reinforcing the foundations of the building and the improving the structure, and adapting the new offices and services using by creating a new underground floor.

5 DRAFTING OF THE PROJECT FOR THE PORT CONTROL TOWER

This involves building the control and watch tower of the port of Barcelona and an annex for the pilots and seafarers. There is also a proposal to build a parking area. The tower is 46 m tall, with 7 storeys, of which only the top three will be fitted, for control, crisis and technical matters, respectively.
The tower is to have a metal structure and the annex a concrete one. The project is planned to have all kinds of working facilities.

6 ENLARGEMENT OF THE ADOSSAT WHARF- PHASE 1

The "Adossat wharf phase 1" project was completed in the year 2000, and consisted of the building of the infrastructure involving 700 m of berthing line 16 m deep, and the subsequent filling of 12 has of terrace.
Surfacing is required to provide the new wharf and the terrace with conditions allowing it to be run as a container terminal, as well as the construction of a network of drains and service ditches for drinking water, electricity and communications.
The works comprised the paving of a terrace of 119,000 m² using a roadway made up of a layer of 1m thick quarry ballast, successive layers of artificial ballast and gravel-cement 550 mm thick and high-module asphalt aggregate 280 mm thick.
Finally, also included are 2,800 m of high-density polyethylene drain piping for different services, and their surface boxes.

7 ENLARGEMENT OF THE ADOSSAT WHARF PHASE 2 EMBANKMENT WORKS

The project is justified by the need to provide continuity to the wharf, the first phase of which is already built, and to the rest of the Adossat wharf.
This involves the building of a bank 7 m wide with quarry ballast over a length of 300 m, up to the future location of the wharf, and the construction of another bank perpendicular to the previous one, at the level of the Porta Coeli building 100 m long.

8 COMPLEMENTARY WORKS OF THE PROJECT FOR REINFORCING THE ROAD SURFACE ENLARGEMENT OF THE

The works consisted of the reinforcing of the surface, over a length of 535 m on the wharveside, and a width of 30 m. It includes the demolition of the current surface to a depth of 35 cm, the construction of a surface made up of 10 cm of H-100 lean concrete, and 25 cm of continuous HAS-30/20/P/IIIa concrete, reinforced lengthways with 20 cm diameter steel bars, and crossways with 12 cm diameter bars.
The south corner of the wharf pavement, not used for unloading, will be built using 30 cm of artificial quarry ballast and 17 cm of high-module asphalt aggregate mix.

9 COASTAL CORRECTIVE MEASURES PHASE 1

The work involves the building of a breakwater 1,120 m long as the extension of the low water bank of the right shore of the river Llobregat. The breakwater is made up of solid concrete blocks of up to 27 Tn, resting upon successive layers of rockpile, and creates the necessary protection to provide stability in the beaches to be made to the south.

10 COASTAL CORRECTIVE MEASURES PHASE 2

The Environmental Impact Study of the works foreseen in the Master Plan of the Port of Barcelona (drafted in February 1999) presents a series of corrective measures to avoid the erosion of the coastline to the south of the port, mainly due to the effects of the new infrastructures on coastal transport. These comprise the building of a jetty on the right bank of the La Bunyola canal, as well as the providing of materials for building a new beach south of the groyne.
The works involved the creation of a new beach area measuring some 11 ha, running 900 m along the coastline between the La Ricarda lagoon and the La Bunyola and Sabogal canals, involving 500,000 m³ of sand. The sand mainly comes from the dredging works in the area between the current and future mouth of the Llobregat.
The beach will be stabilised through the building of a 290 m long seawall perpendicular to the coast made up of rockpile of up to 5 tonnes..

11 COASTAL CORRECTIVE MEASURES PHASE 3-A

The work involved the provision of a million cubic metres of sand to create a large beach area located between the new mouth of the river Llobregat and the La Bunyola canal. The sand is the result of dredging inside the areas next to the South seawall.

12 DEVELOPMENT OF THE SANT BERTRAN WHARF PHASE I

The works involve remodelling up to 45,000 m² of port land located in front of the Sant Bertran wharf.
They involve the creation of a 600 m long road, which will link the roundabout that connects the Barcelona wharf with a new roundabout, which is also part of the project and will be placed in front of the access to the Porta d'Europa bridge.
The road is made up of long pedestrian walkway on the sea side measuring some 11 m wide and a road with up to five lanes for traffic. The finishings for the development are granite stone in the curbs and crossing places, a pavement made of pieces of dark grey prefabricated concrete along the edges, and tarmac for the road surfaces. The project will be completed with thick vegetation along the boulevard, lawn areas, new lighting and urban furniture.

13 REINFORCING THE ROAD SURFACE ON THE ENLARGEMENT OF THE SOUTH WHARF

The work involved the reinforcing of 203,000 m² of the terrace corresponding to the extension of the South wharf, and the spreading of 17 cm of high module asphalt mix and BM type-1 modified bitumen.

14 PREPARATION OF THE DRAFT PROJECT FOR REMODELLING OF THE FISHING AREA

The facilities of the current fishing dock of the Port of Barcelona, mostly the fish exchange and ice factory, require a series of one-off actions in order to provide them with optimum working conditions.

The fish exchange is in an extremely precarious location, from a structural, aesthetic and operative point of view, which is why it would be advisable to abandon the current facilities and construct a new building.

On the other hand, due to current demand, the ice factory needs to increase productivity by investing in improvements in the current facilities, both from the point of view of the area available and of the equipment.

There is agreement in the Barcelona City Council on the development of this area and the area around the North entrance mouth, and a Special Plan has been envisaged, which will be put to the City Council.

The works that come within this project consist of refurbishing a new exchange on the site of the current one, for the auctioning of fish catches, and remodelling the fishing net shed and the current ice factory, in order to increase productivity. Given the nature of this investment, we have requested financing with IFOP funds.

15 REMODELLING PORT VELL SEWERAGE.

Owing to complaints received from residents due to the foul smells near the crossing of the Passeig Joan de Borbó and Carrer Ginebra, due to the installation of collectors for the sewage flowing from the leisure complex built over recent years on the Espanya wharf, and the surrounding area, the Port of Barcelona requires a network of drains to make up for the shortcomings of the current network and for waste waters to be properly treated in the treatment plants of the Baix Llobregat and the Besòs.

The works involve the building of a new network of drains around the Port Vell, including their connection to the Barcelona wharf sector 3 using a 700 m long gravity network made up of 400 mm diameter tubes, the connection of the Espanya wharf using an emptying network using a 1,600 m long network of 100 mm diameter tubes up to the emptying centre located on the Fishermen's wharf, and pumping up to the interceptor on the Passeig Marítim using 1,078 m linear metres of 400 mm diameter tubes.

16 REMODELLING OF THE SEWERS OF THE PORT VELL. REMOTE CONTROL

This consists of the installation of the Control Centre at the premises of CLABSA, and of a secondary centre at the ASTA building to allow correct treatment of the waste waters generated within the port enclosure.

17 SOUTH ACCESS TO SECTOR 8 PHASE 2

The process of expansion of the port of Barcelona to the inflammables area, with the creation of the new Delta I terminals park has made it vital to create a high-quality access to the area which also has sufficient capacity to absorb and order the current and future traffic.

The project involves the second phase of the remodelling of the south access to sector 8, in which it is planned to improve the accesses to the Delta I Terminals Park through the construction of a roundabout that can channel the traffic generated by the area, including a new access road. This second phase foresees the works necessary for the construction of the roundabout and the new road access to the Delta I concession.

18 REINFORCING OF THE SURFACE OF RINGROAD STRETCHES 3, IV, V AND VI

The work involved reinforcing the surface of the F-8 terrace with 3 cm thick soundproofing, levelling the services manholes, and a roundabout 46 m in diameter at the TERCAT access.

19 PROJECT OF THE BRIDGE LINKING THE PORT AND AIRPORT BY ROAD

The current and future needs for communication between the port and the airport lead to a need to improve the ease of travel between the two centres. This is the reason behind the plans to build a bridge on the future bed of the river Llobregat, a vital part of the future road axis.

As a prior phase to the construction, a call for ideas has been issued between the main bridge builders, which will make it possible to choose between different options of the highest technical quality.

20 REMODELLING OF THE BOSCH I ALSINA WHARF PHASE 3

After the updates made in 1990 and 1991 by Barcelona City Council and the Port of Barcelona, an agreement has been formalised between Barcelona Port Authority, Barcelona City Council and the company holding the concession to the car park (SMASSA), in which the port's stake holding is 59.75% of the total of the works.

The works consist of remodelling 15,500 m² of the public area between the Portal de la Pau square and Antonio López square, and between the Ronda Litoral ringroad and the Passeig Colom. They also involve remodelling a car park covering 7,300 m² located under this area managed by BSM.

21 ORNAMENTATION WORKS OF THE ACCESS TO BARCELONA WHARF

Different actions have been carried out on the Barcelona wharf, a notable example of which is the World Trade Center building; an emblematic building consisting of office space, a hotel and all kinds of complementary services to cover the increasing needs of the tourist flows visiting the city.

Still pending to date is the conclusion of the development of the wharf with ornamentation in line with the level of building and finishings used in this area. Bearing in mind that Barcelona is soon to host the Universal Forum of Cultures 2004, it has been considered appropriate to set up a sculpture on one of the main points of connection between port and city - the Barcelona wharf. This sculpture is representative of the city, and offers the passer-by an image of a modern and cultural city, whilst constituting a representative image of the port of Barcelona, and an element that sets it apart for the tourist.

The work involved the construction of a sculpture called Waves by Andreu Alfaro, and is made up of seven stainless steel circular section arches with a maximum height of 42 m.

22 COMPLEMENTARY LIGHTING ON THE ESPANYA WHARF

As a result of the large number of people who visit the area around the Espanya wharf at night and the need to facilitate the mobility of the visitors, as well as an appropriate control by the security guards, it is necessary to reinforce the level of lighting of this area to make it fully operative.

This involves the building of a new network of public lighting which, added to the existing network, will improve the overall lighting of the wharf wall, the Passeig d'Itaça, the access road and the garden area of the Port Vell viewpoint. It includes the necessary civil engineering works, electrical infrastructures, lamp posts, projectors, controls and all the additional elements.

23 REMODELLING OF THE GROUND FLOOR OF THE APB HEADQUARTERS

As a result of the CILSA offices moving to the ZAL, there is now room on the sea side of the building housing the headquarters of the APB, in the Portal de la Pau, which needs to be remodelled. This involves the adaptation of the old CILSA offices, to be turned into offices and conference areas measuring 534 m². The existing services will be reestablished in the general hallway and the stairwell will also be remodelled.

24 RAIL TERMINAL IN Z STREET

The work involved the rebuilding of a 300 m long siding in a single concreted line, with a track of 54 kg/linear metres and a stretch of 120 linear metres of double track rail terminal also made of concrete.

25 SURFACING OF THE NEW SETRAM CONCESSION STREET 3 PHASE I

The work involved developing 30,840 m² on streets Y, 3 and Z, located in sector 7 of the port. An area of 25,350 m² used for the storage of vehicles, has been covered with a 25 cm consistent layer of artificial quarry ballast and 8 cm of hot bitumen mix.

In the dedicated 5,525 m² for the loading and unloading of vehicles a 25 cm layer of artificial quarry ballast has been laid, plus a pavement made up of 25 cm thick HP-40 concrete.

The works also involve a double track concrete rail terminal 200 m long, the terrace's scrap yard, lighting, provided by 3 25 metre towers with 5 4 m projectors.

26 DRAFTING OF THE PROJECT TO DEVELOP THE PG. MARÍTIM BARCELONETA FINAL STRETCH

The project comprises remodelling, paving, plants and furniture of the stretches at the end of the Passeig Joan de Borbó, some 600 m long, and the Passeig Marítim de la Barceloneta, which includes the Plaça del Mar and the prolongation of the Passeig Marítim up to the North entrance mouth of the port of Barcelona.

All of these actions comprise the work to be done on an area of some 38,000 m².

27 RELEVELLING OF CRANE TRACKS IN THE ENLARGEMENT OF ADOSSAT WHARF PHASE 1

Between the enlargement works of the Adossat Wharf phase 1 and its coming into service there have been a series of cases of major subsidence, which require the relevelling of the crane tracks in order to operate the wharf correctly.

The work involved relevelling and adapting the tracks of the container line over a length of 700 m.

28 DEMOLITIONS AT THE NEW SETRAM CONCESSION ON STREET 3

The works consisted of the demolition of the industrial premises of the former SIDERCOMES and MASONEILAN concession holders of areas of approximately 3,600 m² and 4,250 m² up to the level of the surrounding pavement.

Furthermore, concrete surfaces of any other type have been demolished, being irregular surfaces with varying thicknesses up to ground level, including the elements situated above ground level.