



Port de Barcelona 2002

Memòria anual



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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 2002 and 2001.

The 2002 data is pending auditor's report.

Furthermore, a chapter on the 2002 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	
	2002	2001		2002	2001
FIXED ASSETS	789,440	755,257	EQUITY	620,702	596,316
Intangible	6,427	4,577	Net worth	512,743	512,743
Tangible	744,665	700,762	Fixed assets paid-up to general use	-30,338	-26,801
Financial	38,348	38,126	Reserves	110,374	88,616
Long-term trade debtors	0	11,792	Profit	27,923	21,758
DEFERRED EXPENSE	11,874	12,330	DEFERRED INCOME	77,076	70,156
			PROVISIONS FOR LIABILITIES AND EXPENSES	8,748	13,347
			LONG-TERM CREDITORS	85,815	85,007
			Debts with credit institutions	77,818	70,222
			Debt with group and associated companies	0	4,808
			Creditors for long-term commercial trade	7,997	9,977
CURRENT ASSETS	75,102	54,616	SHORT-TERM CREDITORS	84,075	57,377
Inventories	346	329	Debts with credit institution	2,575	2,609
Accounts receivable	36,823	34,629	Debt with group and associated companies	19,654	2,823
Short-term investments	34,635	17,765	Trade creditors	4,759	5,571
Cash and Banks	2,657	1,697	Other non-trade creditors	57,087	46,374
Deferred income and accruals	641	196			
TOTAL ASSETS	876,416	822,203	TOTAL LIABILITIES	876,416	822,203

(Pending auditor's report)

1.2. Profit and Loss Statement

	Thousand of euros			Thousand of euros	
DEBIT	2002	2001	CREDIT	2002	2001
EXPENSES:		INCOME			
Personnel costs	24,174	22,837	Port services	67,905	64,472
Provision for depreciation of fixed assets	21,411	18,809	Leases and authorisations	26,265	23,914
Change in trade provisions	1,283	-174	Other operating income	2,908	1,469
Other operating expenses					
External services	15,520	16,324			
Taxes	621	606			
Others	1,005	849			
Total operating expenses	64,014	59,251	Total operating income	97,078	89,855
OPERATING PROFIT	33,064	30,604			
Assimilated and financial expenses	2,995	2,700	Income from other negotiable instruments and credits from fixed assets	253	251
			Other assimilated and financial income	319	153
Total financial expenses	2,995	2,700	Total financial income	572	404
POSITIVE FINANCIAL RESULTS	0	0	NEGATIVE FINANCIAL RESULTS	2,423	2,296
PROFIT FROM ORDINARY ACTIVITIES	30,641	28,308			
Change in provisions for tangible and intangible fixed assets and control portfolio	335	1,384	Profits on disposal of tangible intangible fixed assets and control portfolio	5	111
Losses from fixed assets	533	1,305	Capital grant transferred to results	1,526	895
Extraordinary expenses	1,146	1,305	Extraordinary income	2,412	665
Expenses and losses from previous fiscal years	385	1,111	Income and profit from previous fiscal years	296	640
Total extraordinary expenses	2,399	5,105	Total extraordinary income	4,239	2,311
EXTRAORDINARY POSITIVE RESULTS	1,840	0	EXTRAORDINARY NEGATIVE RESULTS	0	2,794
PROFIT FROM OPERATIONS	32,481	25,514			
Interport Fund contribution	7,947	6,971	Interport Fund receivable	3,389	3,215
PROFIT AFTER INTERPORT FUND CONTRIBUTION	27,923	21,758			

(Pending the Auditors's report)

1.3. Source and application funds statement

APPLICATIONS OF FUNDS	Thousand of euros		ORIGINS OF FUNDS	Thousand of euros	
	2002	2001		2002	2001
Fixed assets purchased	72,472	118,572	Resource proceeding from operations	49,549	45,243
Intangible	2,732	2,701	Period results	32,481	25,514
Tangible	68,477	110,634	Provision for depreciation of fixed assets	21,411	18,809
Financial	1,263	5,237	Addition to reserves of fixed assets	426	1,556
			Depreciation of deferred expenses	456	428
Interport Fund contribution	7,947	6,971	Reserves for liabilities and expenses	623	916
			Losses from fixed assets	533	1,305
Long-term financial to short-term financial debts transferred	32,414	4,607	Miscellaneous	-91	-172
Debts with credit institutions	12,404	2,404	Excess of provisions for liabilities and expenses	-2,851	-656
Others	20,010	2,203	Profits accruing from fixed assets	-5	-111
			Capital subsidies transferred to results	-1,526	-895
Provisions for liabilities and expenses	2,371	527	Deferred income transferred to results from reverted leases	-802	-592
			Other income deferred	-1,106	-859
Long-term trade debts	1,565	3,526			
			Deferred income	10,354	19,236
Deferred Expense	0	1,076	Capital grants	7,316	11,066
			Other income deferred	3,038	8,170
			Interport Fund receivable	3,389	3,215
			Long-term debts	33,222	44,411
			With credit institutions	20,000	33,000
			With group and associated companies	13,222	0
			Trade creditors	0	11,411
			Disposal of fixed assets	67	188
			Short-term cancelation or transfer of financial fixed assets	619	6,086
			Short-term cancelation or transfer of trade creditors	13,357	129

APPLICATIONS OF FUNDS	Thousand of euros		ORIGINS OF FUNDS	Thousand of euros	
	2002	2001		2002	2001
TOTAL APPLICATIONS	116,769	135,279	TOTAL SOURCES	110,557	118,508
EXCESS OF SOURCES OVER APPLICATIONS			EXCESS OF APPLICATIONS OVER SOURCES	6,212	16,771
VARIATION IN WORKING CAPITAL	2002		2001		
	Increases	Decreases	Increases	Decreases	
Inventories	17	-	9	-	
Accounts receivable	2,194	-	174	-	
Creditors	-	26,698	-	29,876	
Short-term investments	16,870	-	11,967	-	
Cash and banks	960	-	912	-	
Deferred income and accruals	445	-	43	-	
TOTAL	20,486	26,698	13,105	29,876	
VARIATION IN WORKING CAPITAL	-	6,212	-	16,771	

(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 802.69 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.

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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 to Port zero mark

0.134 m

Highest water level with respect to Port zero mark

0.988 m

2.1.5. Entrance

2.1.5.1. Access canal

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

Access Canal / DST:

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

All the vessels sailing down the DST will do so under the control of the Vessels Information Services.

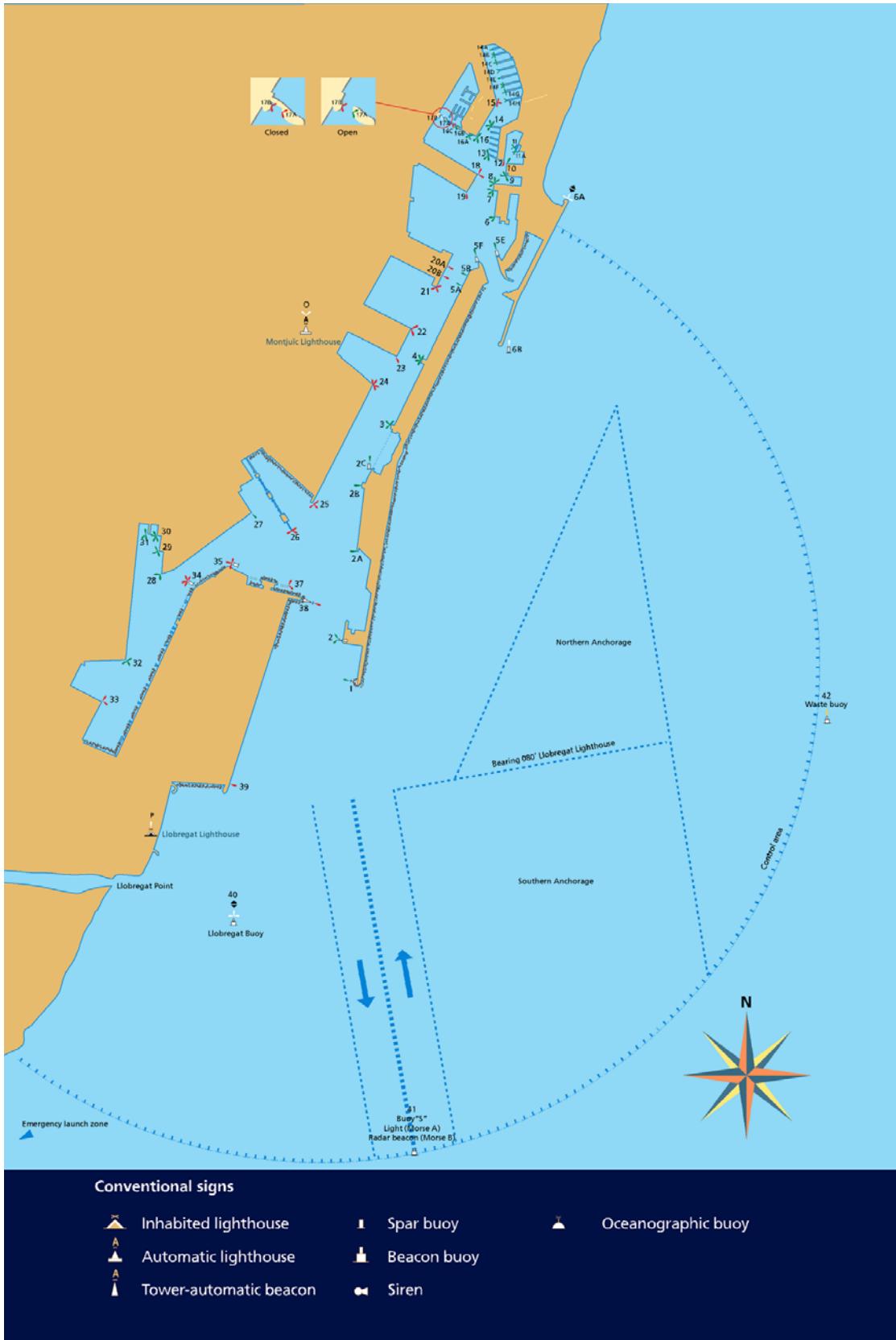
Location, Dimensions and Characteristics

The right shore of the canal will be determined by the bearing of 165° / 345° from the green light of the extension of the 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, which also serves to delimit the anchorage zone.

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

The port entry buoy "S" SIERRA 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.

2.1.5.1. bis Map of access channel and anchorage areas



2.1.5.2. Entrance mouth

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

2.1.5.3. Use of tugs in vessel entry and exit

2.1.5.4. Largest vessel entered in last five years

	Greatest length	Greatest draught
Name	Norway	Sibotessa
Nationality	Bahamas	Norwegian
GT	76,049	41,189
DWT	13,960	74,918
Length	315.15	229
Type	Passenger vessel	Bulk-carrier
Incoming or outgoing real draught	10.49	14.48

2.1.6. Flotation areas (ha)

2.1.6.1. Zone I

	Basins			Total (ha)
	Commercial	Fishing	Rest	
Inner port	325.95	3.68	30.45	360.08

2.1.6.2. Zone II

	Communications	Anchorage	Rest	Total (ha)
Outerport	147.07	4.87	1273.93	1425.87

2.1.7. Land area (m2)

Sector	Free-standing area	Rip-rap	Filling area	Operative area	Concession area	Railway area	Road area	Public area	Rest areas APB	Total
SECTOR 1										
Wharf 01 Adossat	36,401	124,939		20,150		46,068		2,682		230,240
Wharf 01 Adossat			40,400	47,330		29,328	1,015	23,885		141,958
New entrance mouth	20,635	75,538				14,344				110,517
Wharf 02 Llevant	9,696		3,450	1,514		33,373		4,492		52,525
Wharf 03 Dic Flotant										0
Wharf 05 Occidental				31,181				100		31,281
SECTOR 2										
Wharf 06 Catalunya				19,296				2,170		21,466
Wharf 08 Nou				42,690		14,456	46,759			103,905
Wharf 10 Pescadors		10,268		2,090		2,756		17,682		32,796
Wharf 11 Balears						2,380	59,354			61,734

Sector	Free-standing area	Rip-rap	Filling area	Operative area	Concession area	Railway area	Road area	Public area	Rest areas APB	Total
Wharf 12 Rellotge										0
Wharf 13 Marina Port Vell					10,160		2,380	59,354		71,894
Wharf 14 Dipòsit					2,960			19,081		22,041
Wharf 15 Espanya					46,093		8,214	75,273	630	130,210
Wharf 16 Bosch i Alsina					890			13,707	1,795	16,392
Wharf 17A Drassanes								10,855		10,855
Wharf 17B Drassanes					4,402		966	4,798		10,166
Wharf 18 Barcelona					33,277		4,798	63,566	7,957	109,598
SECTOR 3										
Wharf 19 Sant Bertran							4,149	4,843		8,992
Wharf 20 Ponent				58,756	122,182	414	45,657	4,843	20,709	252,561
Wharf 21 Costa					39,670					39,670
Wharf 22 Contradic				19,848	50,727	18,336	17,033		13,941	119,885
SECTOR 4										
Wharf 23 Oest				5,952	29,840	3,334	14,358		8,624	62,108
Wharf 24 Sud		13,703		72,463	595,909	50,784	36,045		5,140	774,044
Wharf 25 Pantalà					3,143					3,143
SECTOR 5				53,672	260,460	7,206	55,757		178,288	555,383
Wharf 26 Álvarez de la Campa										0
TIR										
Wharf 27 Lepant										0
Wharf 28 Evaristo Fernández										0
SECTOR 6				88,957	617,737	9,047			37,491	753,232
Wharf 29 Príncep d'Espanya							75,269			75,269
TRAM VI										0
Wharf 30 Dàrsena Sud										0
SECTOR 7										
Sud Zone					268,305	17,608	55,877		35,452	377,242
SECTOR 8										
Wharf 32 Inflamables	89,318	167,000	71,224		863,438	12,260	136,118		176,097	1,515,455
ZAL 1					424,286				240,714	665,000
ZAL 2									1,667,000	1,667,000
TOTAL PORT	169,753	367,477	424,990		3,537,730	118,989	595,177	362,754	2,449,692	8,026,562

2.1.8. Breakwaters (m)

Name	Length (m)	Characteristics
I'Est dyke	4,230	Concrete blocks
Nou Contradic	510	Natural breakwater
TOTAL	4,740	

2.2. Simplified map of lights and beacons

2.2.1. General map of lights and beacons



2.2.2. List of lights and beacons

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
31780 A	PUNTA SERNELLA LIGHTHOUSE. Punta Sernella.	Tower over a grey building with white cupola	White	One flash every 5 seconds. $1+4 = 5$	13
31730 B	CAP DE CREUS LIGHTHOUSE Cap de Creus.	Tower on white house.	White	Groups of two 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. $(0.5+2.5) 3 \text{ times}+0.5+7.5+0.5+7.5 = 25.$	8
31610 D	ROSES LIGHTHOUSE Punta de la Bateria.	Cylindrical white tower on white house.	White	Groups of 4 eclipses every 15 seg. $6+1.5[(1+1.5)3 \text{ times}]=15$	12
31300 E	ILLES MEDES LIGHTHOUSE Illa Meda Gran.	Cylindrical tower on white house.	White	Group of 4 flashes every 24 seconds. $(1+3) 3 \text{ times}+1+11 = 24.$	14
31250 F	SANT SEBASTIÀ LIGHTHOUSE Cap de Sant Sebastià.	White tower on white building.	White	One 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. $(1.4+1) 3 \text{ times} +4.4+1+4.4+1 = 18.$	18
30998 J	LA REMRO BUOY 2 miles from the coast.	Spherical yellow buoy.	Yellow	Groups of 5 flashes every 20 seconds $(0.5+0.5) 4 \text{ times} +0.5+15.5 = 20.$	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
29700 O	MONTJUÏC LIGHTHOUSE On the side of Montjuïc.	Brick on white building with red corners.	White	Two flashes every 15 seconds. $0.3+3,4+0,3+11 = 15.$	26

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29630 P	RIVER LLOBREGAT LIGHTHOUSE At the mouth of the river.	Tower on cylindrical building	White	One 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	DIC DE L'EST 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	One 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	Two 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	One flash every 1 second. $0.3+0.7 = 1$	1
30008 2B	WHARF 01 ADOSSAT Enlarging Adossat (West)	Green metal buoy	Green	One flash every 1 second. $0.3+0.7 = 1$	1
30010-a 2C	WHARF 01 ADOSSAT Enlarging Adossat (North).	Green metal buoy	Green	One 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 5 A	WHARF 02 LLEVANT Beaconing bridge works	Metal post, painted green.	Green	One flash every 5 seconds. $0.5+4.5 = 5$.	1
30133 5 B	WHARF 02 LLEVANT Beaconing bridge works	Metal post, painted green.	Green	One flash every 5 seconds. $0.5+4.5 = 5$.	1
30140-a 5E	WHARF 02 LLEVANT. Beaconage works .Buoy W	Green buoy.	Green	One flash every 1 second. $0.3+0.7 = 1$	1
30141-a 5F	WHARF 02 LLEVANT. Beaconage works .Buoy E	Green buoy.	Green	One flash every 1 second. $0.3+0.7 = 1$	1
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
30379-a 6A	NEW HARBOUR MOUTH N end (works)	Metal post, painted black, with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Three flashes every 10 seconds.	5

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30378-d 6B	NEW HARBOUR MOUTH S end (works).	Metal buoy, painted black, with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Three flashes every 10 seconds	3
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. $(0.5+1.5) 3 \text{ times} + 0.5+4.5 = 11.$	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 INDÚSTRIA BASIN (Extrem Guafe)	Green metal post	Green	Groups of 2+1 flashes every 15 seconds. $0.5+0.5 = 1$	2
30373.5 11A	LA INDÚSTRIA BASIN (Sincrolift)	Red and green metal post	Green	Groups of 2+1 flashes every 21 seconds. $0.5+1.5+0.5+4.5+0.5+13.5=21.$	1
30372 12	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
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. $(0.5+1.5) 3 \text{ times} + 0.5+4.5 = 11.$	2
30332 14A	WHARF 13 MARINA PORT VELL S. Jetty 8.	Green post.	Green	One 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. $1+1+1+1+1+1+7 = 14.$	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	One flash every 6 seconds. $1+5 = 6.$	1

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
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. $0.5+1.5+0.5+45 = 7.$	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 7seconds. $0.5+1.5+0.5+4.5 = 7.$	1
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	One flash every 5 seconds. $0.5+4.5 = 5.$	2
30134 20A	WHARF 20 PONENT. (beacomming)	Metal post painted red	Red	One flash every 5 seconds. $0.5+4.5 = 5.$	1
30135 20B	WHARFMOLL 20 PONENT. (Bridge works)	Metal post painted red	Red	One 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

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30070 23	WHARF 22 CONTRADIC Southern corner.	Cylindrical tower, painted red, on a pyramidal base.	Red	One 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 PANTALA 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	One 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 End of berth 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 End of berth 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
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'ESPAÑYA 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 DÁRSENA 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 blanca a la base.	Red	One flash every 5 seconds. $0.5+4.5 = 5$.	5

No. In Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29750 39	South end of the inflammables wharf's filling	Red Post	Red	One flash every 5 seconds. $0.5+0.5 = 1.$	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 42	WASTE BUOY AT 2 MILES EAST FROM THE END OF L'EST DYKE	Cylindrical beacon buoy painted yellow	Yellow	One 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 three flashes every 10 seconds. $0.3+0.7+0.3+0.7+0.3+7.7 = 10.$	5
29650 45	PERPENDICULAR DOCK TO THE BEACH. NEW MOUTH OF THE LLOBREGAT RIVER.	Metal post, painted black with a yellow band in the centre. Limit mark: 2 cones superimposed on the cardinal east base.	White	Three flashes every 10 seconds	3

2.3. Wharves and berths

2.3.1. Classification by basin

2.3.1.1. Service

COMMERCIAL BASINS				
Names	Lenght (m)	Draught (m)	Width (m)	Uses
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	76.0	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	75.5	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	15.6	Passengers/Ro-ro
Wharf 18A Barcelona (North) (W ramp)	24.20	8.00	15.6	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

Names	Lenght (m)	Draught (m)	Width (m)	Uses
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 West	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, mod. 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	12,720.15			

FISHING BASINS

Wharf 11A Balears	217.50	8.00	10.0	Fishing
Wharf 11B Balears	61.00	8.00	21.0	Fishing

Names	Lenght (m)	Draught (m)	Width (m)	Uses
Wharf 11C Balears	261.00	9.60	50.0	Fishing
Wharf 11B 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	19.0	Floating repairs
Wharf 06A Catalunya Sud	35.00	8.00	5.5	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 Pescadors (North)	140.00	8.00	35.0	Fishing
Wharf 12 Rellotge	218.00	8.00	65.0	Pleasure craft
Wharf 13 Marina Port Vell	290.00	8.00	52.0	Pleasure craft
Wharf 14 Dipòsit (2nd alignment)	140.00	8.00	61.0	Pleasure craft
Wharf 14 Dipòsit (1st alignment)	108.00	8.00	40.0	Pleasure craft
Wharf 15A Espanya NE	437.00	8.30	34.0	Port Vell
Wharf 15B Espanya East	184.00	8.60	38.0	Port Vell
Wharf 15A Espanya South	123.00	7.60	36.0	Port Vell
Wharf 15A Espanya (southern corner)	53.00	7.60	0.0	Port Vell
Wharf 15A Espanya West-2	283.50	7.60	45.0	Pleasure craft
Wharf 15A Espanya West-1	241.50	7.60	19.0	Pleasure craft
Wharf 16 Bosch i Alsina	507.00	6.60	55.0	Non-commercial vessels, fueling vessels
Wharf 17A Drassanes	97.00	7.00	0.0	Local traffic
TOTAL	4,507.00			
TOTAL SERVICE BASINS	17,835.15			

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 Àlvarez de la Campa	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				

Names	Length (m)	Draught (m)	Width (m)	Uses
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	866.00	885.70	230.20	386.60	-	-	2,368.50	
Containers	2,476.60	-	273.40	240.00	-	-	2,990.00	
Ro-ro berths	1,103.70	221.25	23.50	526.40	-	-	1,874.85	
Solid bulk, no special facilities	419.00	-	-	-	-	-	419.00	
Solid bulk, special facilities	200.00	241.00	419.00	80.00	-	-	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	31.00	-	2,106.50	1,335.00	252.00	-	3,724.50	
TOTAL SERVICE	6,286.30	2,698.95	5,649.30	2,929.50	252.00	-	17,816.05	
PRIVATE								
Commercial wharves								
Conventional cargo	-	-	-	-	-	-	-	
Containers	-	-	-	-	-	-	-	
Ro-ro berths	-	-	-	-	-	-	-	
Solid bulk, no special facilities	-	-	-	-	-	-	-	
Solid bulk, special facilities	250.00	130.00	-	-	-	-	380.00	
Liquid bulk	258.00	900.00	150.00	-	-	-	1,308.00	
Passengers	-	-	-	-	-	-	-	
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	6,794.30	3,728.95	6,154.80	-	-	-	19,859.55	

2.4. Storage facilities

2.4.1. Storage facilities

Wharf	Designation	Uncovered (m ²)	Covered and open		Closed			Total area (m ²)			
			Area (m ²)	Height (m)	Ground-floor area (m ²)	Height (m ²)	No. of floors				
SERVICE											
Wharf 01 Adossat											
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			
New 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.	Hangars (Port Nou, S.A.)	-	-	-	19,442	7	1	19,442			
Wharf 22 Contradic.											
Id.	SouthYard	12,840	-	-	-	-	-	12,840			
Wharf 23 Oest											
Id.	Yard	14,820						14,820			
Wharf 24 Sud											
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)	52,252	-	-	-	-	-	52,252			
Id.	Hangar (Estibadora de Ponent)	-	-	-	900	6	1	900			
Id.	Yard (Transportes Marítimos Alcudia)	15,722	-	-	-	-	-	15,722			
Street Álvarez de la Campa											
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 Príncip d'Espanya and Dàrsena Sud											
Id.	Yard (Tercat)	323,270						323,270			
Id.	Hangar (Tercat)	-	-	-	26,145	8	1	26,145			
Tram VI											
Id.	Yard (some)	109,913	-	-	-			109,913			
Id.	Hangar	-	-	-	34,858	6	1	34,858			
Wharf 31 Dàrsena Sud											
Id.	Yard (some)	348,280	-	-	-	-	-	348,280			
Id.	Hangar	-			1,640	6	1	1,640			

Wharf	Designation	Uncovered (m ²)	Covered and open		Closed			Total area (m ²)
			Area (m ²)	Height (m)	Ground-floor area (m ²)	Height (m ²)	No. of floors	
Wharf 32 Inflammables			-	-	-	-	-	-
Id.	Yard (tanks)	496,232	-	-	-	-	-	496,232
Id.	Yard (widening)	605,372						605,372
TOTAL SERVICE		2,818,524			134,404			

2.4.2. Bonded storage facilities

Wharf	Designation	Uncovered (m ²)	Covered and open		Closed			Total area (m ²)
			Area (m ²)	Height (m)	Ground-floor area (m ²)	Height (m)	No. of floors	
Wharf 26 Álvarez de la Campa	Depots	-	-	-	45,000	-	-	45,000.00
Wharf 26 Álvarez de la Campa	Yards	13,086.50	-	-	-	-	-	13,086.50
(Consorci Zona Franca)								
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	4,5	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	3,849.50
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 Logístics, 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	APB	EE.MM.A Internacional	3,360	1	3,360
Wharf 01 Adossat	APB	EE.MM.B Internacional	2,400	1	2,400
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	Technicnal 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	APB / Civil Guard / Leases	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 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	Comercializadora Mediterránea de Cementos	Comercializadora Mediterránea de Cementos	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	First-aid 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: 10,594 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 26 Álvarez de la Campa	APB	Transportes Marítimos Alcudia	Offices	250 m2
Wharf 32 Inflammables	Ecoimsa	Ecoimsa	Waste treatment	Plot: 9,921 m2
Wharf 32 Inflammables	APB	Various	Laboratory and offices	324 m2
Anselm Clavé street	APB	Port 2000	Headquarters Port 2000, offices	-
Tram VI	APB	Damex	Offices	460 m2
Tram VI	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	22	25 m3	150m3	APB
Id.	" " "	11	25 m3		Creuers de Barcelona
Id.	Wharf 15A Espanya	5	25 m3	75m3	APB
Id.	Wharf 16 Bosch i Alsina	4	25 m3	75m3	APB
Id.	Wharf 17 Drassanes	5	20 m3	50m3	APB
Id.	Wharf 18A Barcelona N	8	25 m3	100m3	APB
Id.	" " "	3	25 m3		Creuers de Barcelona
Id.	Wharf 18B Barcelona E	2	25 m3	50m3	APB
Id.	Wharf 18C Barcelona S	5	25 m3	100m3	APB
Id.	" " "	3	25 m3		Creuers de Barcelona
Id.	Wharf 19 Sant Bertran	17	25 m3	100m3	APB
Id.	Wharf 29 Ponent N.	15	25 m3	75m3	APB
Id.	Wharf 20 Ponent E.	9	25 m3	75m3	APB
Id.	Wharf 20 Ponent S.	15	25 m3	100m3	APB
Id.	Wharf 21 Costa	4	25 m3	75m3	APB
Id.	Wharf 22 Contradic N.	7	25 m3	75m3	APB
Id.	Wharf 22 Contradic E.	6	25 m3	75m3	APB
Id.	Wharf 22 Contradic S.	15	25 m3	100m3	APB
Id.	Wharf 23 Oest	8	30 m3	100m3	APB
Id.	Wharf 24 Sud (North side)	14	30 m3	100m3	APB
Id.	Wharf 24 Sud (East side)	39	30 m3	100m3	APB
Id.	Wharf 26 Àlvarez de la Campa (North)	5	30 m3	75m3	APB
Id.	Wharf 26 Àlvarez de la Campa (East)	21	30 m3	100m3	APB
Id.	Wharf 27 Lepant	5	30 m3	75m3	APB
Id.	Wharf 28 Evaristo Fernández	0	25 m3	75m3	APB
Id.	Wharf 29 Príncep d'Espanya	35	30 m3	125m3	APB
Id.	Wharf 30 Dàrsena Sud	27	30 m3	100m3	APB
Id.	Wharf 31 Dàrsena Interior	15	30 m3	100m3	APB
Id.	Wharf 32 Inflamables	7	17 m3	70m3	APB
Id.	Wharf 33 Nou Contradic	2	25 m3	40m3	APB
TOTAL		334			

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 30.36 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 0.52 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 Pimoret 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
Inflammables 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
Alvarez Campa	Est. de Ponent	1 Bridge crane	Paceco	A.T. 6.000 v.	33,5	35	24	30	1966
Alvarez Campa	Est. de Ponent	3 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Alvarez Campa	Transportes Marítimos Alcudia, SA	1 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Alvarez 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
Príncip d'Espanya	TERCAT	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	24	30	1972
Príncip d'Espanya	TERCAT	2 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	33	35	1998
Príncip d'Espanya	TERCAT	2 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	33	35	1999
Príncip d'Espanya	TERCAT	1 Bridge crane	Liebherr	A.T. 6.000 v.	50	45	33	35	2000
Príncip 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	120 t	1989
Grúas J.J., S.A.	1	Liebherr	Diesel oil	140 t	1997
Grúas J.J., S.A.	1	Liebherr	Diesel oil	300 t	2000
Grúas J.J., S.A.	1	Liebherr	Diesel oil	450 t	1999
Grúas J.J., S.A.	2	Liebherr	Diesel oil	50 t	1988/95
Grúas J.J., S.A.	1	Liebherr	Diesel oil	70 t	1991
Grúas J.J., S.A.	1	Liebherr	Diesel oil	80 t	1991
Grúas J.J., S.A.	1	Liebherr	Diesel oil	100 t	1999
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.	4	Liebherr	Diesel oil	45 t	1990/92
Grúas J.J., S.A.	1	Liebherr	Diesel oil	160 t	2001
Grúas J.J., S.A.	1	Iveco	Diesel oil	90 t	
Grúas J.J., S.A.	1	Iveco	Diesel oil	65 t	
Grúas J.J., S.A.	1	Mercedes	Diesel oil	30 t	
Grúas J.J., S.A.	1	Iveco	Diesel oil	20 t	
Grúas J.J., S.A.	1	Gontrailer	Diesel oil	50 t	
Grúas J.J., S.A.	1	Volvo	Diesel oil	65 t	2001
Grúas J.J., S.A.	1	Liebherr	Diesel oil	90t	1999
Grúas J.J., S.A.	1	Gontrailer	Diesel oil	100 t	
Saport-Mapor, S.A.	1	Demag 2000 Q	Diesel oil	62 t	1984
Saport-Mapor, S.A.	1	Gottwald HMK-280E	Diesel oil	100 t	2002
Terminal Catalunya, S.A.	3	Gottwald HMK 300 EG	Diesel oil	28 t	93/98/99
Terminal Catalunya, S.A.	1	Gottwald HMK 280 EG	Diesel oil	22 t	
Terminal Catalunya, S.A.	2	Gottwald HMK-330	Diesel oil	33 t	
Terminal Port-Nou, S.A.	1	Demag MCQ 2000	Diesel oil	52,5 t	1990
TOTAL	36				

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			
	-	36	36
Other cranes			
TOTAL	7	74	81

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	8,907.77 m ² 18,000 m ³	1991
Wharf 19 Sant Bertran	Demagrissa	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	Liquid bulk tanks	3,002 m ² 4,520 m ³	1991
Wharf 22 Contradic (S)	Moyresa	Liquid bulk tanks	5,395 m ² 12,305 m ³	1966
Wharf 22 Contradic (S)	Portcemen, SA	Silos for cement and clinker	10,419 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	Liquid bulk 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 26 Álvarez de la Campa	Decal España, SA	Liquid bulk tanks	95,607 m ² 445,000 m ³	1992-01-02
Wharf 32 Inflamables	Koalagas, SA	Liquid bulk tanks	12,000 m ² 4,000 m ³	1992-01
Wharf 32 Inflamables	Terquimsa.	Liquid bulk tanks	32,231 m ² 45,600 m ³	1975
Wharf 32 Inflamables	Terminales Portuarias, SL	Liquid bulk tanks	154,901 m ² 273,392 m ³	1973-80-95-01
Wharf 32 Inflamables	Relisa	Liquid bulk tanks	16,930 m ² 98,476 m ³	1975
Wharf 32 Inflamables	Enagas, SA	Discharge and storage of liquefied gases	215,146.7 m ² 240,000 m ³	1969

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 España, SA	1	----	Electricity	----	----
Hopper	Cemex España, SA	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 Trasmediterranea, S.A.	1	Hyster	Diesel oil	5,5 t	1993
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Hyster H-15	Diesel oil	5,5 t	1998
Mafis	Compañía Trasmediterranea, S.A.	3	Sisu	Diesel oil	45 t	2000
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Caterpilar	Diesel oil	2,5 t	1990
Mafis	Compañía Trasmediterranea, S.A.	5	Douglas	Diesel oil	45 t	1980/1991
Tractors	Compañía Trasmediterranea, S.A.	1	John Deere	Diesel oil	5 t	2000
Weighbridges	Decal España, SA	2	Magriña	----	60 t	----
Fork-lift trucks	Decal España, SA	1	Nissan	Diesel oil	2 t	----
Weighbridges	Demagrísia	1	Ariso	----	60 t	1970
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.	3	Bobcat Clark	Diesel oil	1.679 Kg	1980/82
Conveyors belts	Ership, S.A.	1	----	Electricity	20 m.	----
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 H-920 E	Diesel oil	36 t	1984
Fork-lift trucks	Estibadora de Ponent, S.A.	2	Hyster H4400	Diesel oil	36 t	1995/1996
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	1998/2002
Mafis	Estibadora de Ponent, S.A.	5	TERB 3250	Diesel oil	32 t	1983
Mafis	Estibadora de Ponent, S.A.	1	Sisu TR-160-AR	Diesel oil	32 t	1986
Mafis	Estibadora de Ponent, S.A.	2	TR 161 AL 4X4	----	32 t	1996
Spreader	Estibadora de Ponent, S.A.	3	Bromma	----	35 t	----
Mafis	Estibadora de Ponent, S.A.	3	Sisu TR-162-AL	Diesel oil	32 t	2001
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-150	Diesel oil	6 t	----
Maffis	Estibadora de Ponent, S.A.	1	Terberg 3249	Diesel oil	31 t	1982
Spreader	Estibadora de Ponent, S.A.	1	Van de Graaf	----	35 t	----
Conveyors belts	Insterlogística del Frio, SA	2	Proconsa	Electricity	10m. 6m.	----
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 950-B	Diesel oil	130 kW	1990
Fork-lift trucks	Gines Guirao, S.L.	1	Case-1840	Diesel oil	20 kW	1990
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 966-D	Diesel oil	175 kW	1990
Fork-lift trucks	Gines Guirao, S.L.	1	Dresser-530	Diesel oil	135 kW	1991
Fork-lift trucks	Gines Guirao, S.L.	1	ITF . 28	Diesel oil	133 kW	----
Fork-lift trucks	Gines Guirao, S.L.	1	Bobcat-974	Diesel oil	60 kW	----
Hoppers	Gines Guirao, S.L.	1	John-Deere	Diesel oil	60 kW	----
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpilar 926- E	Diesel oil	90 kW	1991
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpilar 966- E	Diesel oil	175 kW	----
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpilar 936-E	Diesel oil	110 kW	----
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpilar 962-G	Diesel oil	149 kW	2002
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.	3	SAMSUNG	Diesel oil	2 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel oil	1,5 t	1995/6

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SAMSUNG	Diesel oil	2,5 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel oil	2 t	1996/02
Fork-lift trucks	José Llinás e Hijos, S.L.	4	SAMSUNG	Diesel oil	7 t	1997/01
Fork-lift trucks	José Llinás e Hijos, S.L.	2	CATERPILLAR	Diesel oil	4 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	4 t	1996
Fork-lift trucks	José Llinás e Hijos, S.L.	6	NISSAN	Electricity	1,8 t	1997/01
Tows	José Llinás e Hijos, S.L.	1	NISSAN	Diesel oil	3 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Electricity	1,6 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	14	NISSAN	Diesel oil	2,5 t	1995/02
Fork-lift trucks	José Llinás e Hijos, S.L.	6	TCM	Diesel oil	1,5 t	1998/99
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SAMSUNG	Electricity	1,6 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CARER	Electricity	1,6 t	1997
Fork-lift trucks	José Llinás e Hijos, S.L.	3	BT	Electricity	2 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	MIC	Diesel oil	2,2 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	2,5 t	1999
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.	1	BT	Electricity	1,35 t	1995
Fork-lift trucks	José Llinás e Hijos, S.L.	1	CATERPILLAR	Diesel oil	24t	1980
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	10 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	4	KALMAR	Diesel oil	16 t	1999/2002
Fork-lift trucks	José Llinás e Hijos, S.L.	1	MITSHUBISHI	Electricity	1,5 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	3	NISSAN	Electricity	2,5 t	1999/01
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Diesel oil	4,5 t	1999/01
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel oil	1,8 t	1999
Fork-lift trucks	José Llinás e Hijos, S.L.	4	STOCKLIN	Electricity	2 t	2000/02
Fork-lift trucks	José Llinás e Hijos, S.L.	2	MIC	Electricity	2 t	2000/2001
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Diesel oil	2 t	2000
Fork-lift trucks	José Llinás e Hijos, S.L.	3	JUNGHEINRICH	Electricity	1,4 t	2000/2002
Fork-lift trucks	José Llinás e Hijos, S.L.	2	JUNGHEINRICH	Electricity	1,6 t	2000/2001
Fork-lift trucks	José Llinás e Hijos, S.L.	1	SISU	Diesel oil	45 t	2001
Fork-lift trucks	José Llinás e Hijos, S.L.	2	TOYOTA	Diesel oil	3 t	2001
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	3 t	2001
Fork-lift trucks	José Llinás e Hijos, S.L.	9	NISSAN	Diesel oil	1,8 t	1996/02
Fork-lift trucks	José Llinás e Hijos, S.L.	1	STOCKLIN	Electricity	1 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	15 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	3	NISSAN	Diesel oil	4 t	1995/02
Fork-lift trucks	José Llinás e Hijos, S.L.	1	TOYOTA	Electricity	2,5 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	12 t	2002
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	28 t	2002
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	50 t	1996
Tractors	José Llinás e Hijos, S.L.	1	MERCEDES	Diesel oil	40 t	1996
Tows	José Llinás e Hijos, S.L.	3	TRABOSA	-----	34 t	1998/00
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	40 t	1999
Tractors	José Llinás e Hijos, S.L.	1	PEGASO	Diesel oil	50 t	1992
Tractors	José Llinás e Hijos, S.L.	1	IVECO	Diesel oil	12 t	2000
Tractors	José Llinás e Hijos, S.L.	2	IVECO	Diesel oil	68 t	2000
Tractors	José Llinás e Hijos, S.L.	1	DAF	Diesel oil	66 t	2001
Tows	José Llinás e Hijos, S.L.	1	FRUHEAUF	-----	31,5 t	1998
Tows	José Llinás e Hijos, S.L.	1	LECIÑENA	-----	31,8 t	1998
Tows	José Llinás e Hijos, S.L.	1	FRUHEAUF	-----	36 t	1994
Tows	José Llinás e Hijos, S.L.	1	BRETCHA	-----	29 t	1998
Tows	José Llinás e Hijos, S.L.	1	CONTRAILER	-----	39 t	2001
Tows	José Llinás e Hijos, S.L.	1	LECTRAILER	-----	51 t	2001
Tows	José Llinás e Hijos, S.L.	1	LECTRAILER	-----	41 t	2001
Fork-lift trucks	José Llinás e Hijos, S.L.	2	NISSAN	Electricity	1,5 t	1998
Fork-lift trucks	José Llinás e Hijos, S.L.	1	BT	Electricity	1,2 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	1	BT	Electricity	1,6 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	1	NISSAN	Diesel oil	5 t	1994
Fork-lift trucks	José Llinás e Hijos, S.L.	1	KALMAR	Diesel oil	42 t	1998
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	-----

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics	Year of construction
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	----
Weighbridges	Sadesa	1	MOBBA	Electronic	60 t	----
Fork-lift trucks	Sadesa	1	Caterpillar	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 Hyster 300 y 400	Diesel oil	----	1998
Fork-lift trucks	Saport-Mapor, S.A.	11	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, SL	3	Luna	Diesel oil	40 t	1983
Fork-lift trucks	TCB, SL	2	Hyster	Diesel oil	25 t	1988
Fork-lift trucks	TCB, SL	2	Fenwick	Diesel oil	17 t	1989
Fork-lift trucks	TCB, SL	3	Hyster	Diesel oil	6 t	1983
Fork-lift trucks	TCB, SL	1	Carterpilar	Diesel oil	4 t	1987
Straddle Carrier	TCB, SL	6	Sisu-Kalmar	Diesel oil	40 t	2000
Fork-lift trucks	TCB, SL	3	Carterpilar	Diesel oil	3 t	1987
Fork-lift trucks	TCB, SL	2	Carterpilar	Diesel oil	2,5 t	1987
Fork-lift trucks	TCB, SL	2	Hyster	Diesel oil	1,5 t	1983
Trucks	TCB, SL	1	Pegaso	Diesel oil	----	1983
Platforms	TCB, SL	2	Fruehauf	----	----	1983
Reach Stacker	TCB, SL	1	Sisu	Diesel oil	45 t	1998
Fork-lift empty	TCB, SL	2	Sisu	----	9 t	1998
Straddle Carrier	TCB, SL	34	Valmet-Sisu	Diesel oil	40 t	1983/1998
Fork-lift empty	TCB, SL	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.	3	Hyster H3200	Diesel oil	32 t	----
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	----

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics	Year of construction
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	-----
Trastainers	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	36 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-Fr	Diesel oil	-----	-----
Loaders	Terminal Catalunya, S.A.	1	CAT-926-E	Diesel oil	-----	-----
Loaders	Terminal Catalunya, S.A.	1	CAT-926-E	Diesel oil	-----	-----
Loaders	Terminal Catalunya, S.A.	1	LIEBHERRL-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 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	-----
Fork-lift trucks	Terminal Port-Nou, S.A.	1	Kalmar	Diesel oil	32 t	1998
Trastainer	Terminal Port-Nou, S.A.	2	Gommata Ansaldo	Diesel oil	42 t.	1990
Fork-lift trucks	Terminal Port-Nou, S.A.	3	Hyster	Diesel oil	7 t	1990/1994
Fork-lift trucks	Terminal Port-Nou, S.A.	8	Fiat DI 30 CH	Diesel oil	3 t	1993/1994
Fork-lift trucks	Terminal Port-Nou, S.A.	4	Kalmar	Diesel oil	45 t	1998/1999
Fork-lift trucks	Terminal Port-Nou, S.A.	4	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, SL	1	TOYOTA 5FD25	Diesel oil	2,5 t	1991
Weighbridges	Terminales Portuarias, SL	3	PIBERNAT-EPELSA	Electricity	60 t	-----
Weighbridges	Terminales Portuarias, SL(T-2)	1	Bam-Ergio	Mecanic	250 kg	-----
Weighbridges	Terminales Portuarias, SL(T-2)	2	Pibernat-Epelsa	Electricity	60 t	-----
Fork-lift trucks	Terminales Portuarias, SL(T-2)	3	Yale	Diesel oil	37,5 kW	-----
Fork-lift trucks	Terminales Portuarias, SL(T-2)	1	Still	Diesel oil	37 kW	1989
Weighbridges	Terminales Portuarias, SL(T-2)	1	Cely	Mecanic	1.500 Kg	2000
Weighbridges	Terminales Portuarias, SL(T-2)	1	Epelsa	Electricity	1.800 Kg	2000
Weighbridges	Terminales Portuarias, SL(T-2)	2	Bizerba	Electricity	400 Kg	2002
Fork-lift trucks	Terminales Químicos, SL	1	Daewoo	Diesel oil	2,5 t	-----
Fork-lift trucks	Terminales Químicos, SL	1	Fiat	Diesel oil	3,5 t	-----
Weighbridges	Tráfico de Mercancías, S.A	1	Casals	-----	80 t	1975
Weighbridges	Tráfico de Mercancías, S.A	2	Schenck	Over belts	1.000 t/h	1983/1994
Conveyors belts	Tráfico de Mercancías, S.A	25	varias	Electricity	1.300 m	1971/1988
Weighbridges	Tráfico de Mercancías, S.A	2	M.I.T.	Electricity	500/1000 t/h	1960/1971
Scraper	Tráfico de Mercancías, S.A	1	M.I.T.	Electricity	600 t/h	1975

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics	Year of construction
Fork-lift trucks	Transp. Maritimos Alcudia, SA.	6	Toyota 15	Diesel oil	----	----
Fork-lift trucks	Transp. Maritimos Alcudia, SA.	5	Caterpillar B16	Diesel oil	7 t	----
Reach Stacker	Transp. Maritimos Alcudia, SA.	1	Caterpillar 86R109	----	----	2002
Reach Stacker	Transp. Maritimos Alcudia, SA.	3	kalmar Drs4527-5s 45585	----	7 t	2002
Reach Stacker	Transp. Maritimos Alcudia, SA.	4	Kalmar Drs4527-5S 45585	----	7 t	2002

2.9. Floating material

2.9.1. Dredgers

(None)

2.9.2. Tugboats

Name	Owner	Energy used	Power kW	Length (m)	Width (m)	Depth (m)	Year of construction
Montnegre	Remolc. de Barcelona, SA	Diesel oil	1,213	26.85	7.50	3.10	1982
Montjoi	Remolc. de Barcelona, SA	Diesel oil	2,646	27.00	9.70	3.90	1995
Montsacopa	Remolc. de Barcelona, SA	Diesel oil	2,646	27.00	9.70	3.90	1998
Montoriol	Remolc. de Barcelona, SA	Diesel oil	2,943	27.00	9.70	3.90	2002
Montfred	Remolc. de Barcelona, SA	Diesel oil	2,943	27.00	9.70	3.90	2002
Pompeu Fabra	SAR Remolcadores, SL	Diesel oil	1,213	26.85	7.50	3.10	1987
Joan Miró	SAR Remolcadores, SL	Diesel oil	2,021	28.90	8.70	4.80	1992
Joaquim Ruira	SAR Remolcadores, SL	Diesel oil	2,646	27.00	9.70	3.90	1995
Pau Casals	SAR Remolcadores, SL	Diesel oil	2,941	27.01	9.70	3.90	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
Gibli	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.	Launch for hydrographic works	1992
Aljibe nº 1	SPRA, S.A.	Tank vessel	1968

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, SA. It currently occupies an area of 46.2 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 32.3 hectares, a berthing line of 1,448 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, 6 of which are of the post-panamax type.

On 01 Adossat, 20 Ponent and 21 Costa wharves, there are two multi-purpose and one polivalent general cargo terminals run by Saport-Mapor, SA, Terminal Port-Nou, SA respectively. These terminals together occupy an area of 8.56 hectares, with a maximum draught of 12 m and a berthing line of 2,100 m. They also have a total of 8 ro-ro ramps and a total covered warehouse area of 37,700 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 the same 26 Álvarez de la Campa wharf the company Transportes Marítimos Alcudia, is authorised to operate containerised goods on a flat area of 1.7 hectares and 2,484.2 m² of warehouses, with a berthing line of 150 m and 9 m of draught. It has two gantry cranes of 28 t.

Finally, on Sant Beltran wharf, the Cía. Trasmediterránea, SA company has an authorised area of 32.083 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 800 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 2,500 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 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 soyabeans. They have milling plants with a capacity of 1,400,000 t.

Bulk cement reception and embarking terminal

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

Potash loading terminal

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

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

The Port of Barcelona houses the following specialised terminals in this segment of traffic: Enagas, SA (natural gas), Relisa (oils), Tepsa (chemicals and refined petroleum), Terquimsa (liquid chemicals), Decal (chemicals and refined petroleum), CLH, SA (refined petroleum), Sadesa (oils), Demagriza (oils) and Loiret & Haëntjens Esp., SA (molasses). These terminals are located on 32 Inflamables, 19 Sant Beltran, 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 Beltran wharf houses Frigoscandia Logística. 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 2002, 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 2002.

Introduction

3.1. Authorised before 2002 and currently in force

3.2. Authorised in 2002

3 Authorised private-sector construction works and activities

3.1. Authorised before 2002 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	13.29	1,296
2	Site for breaking and silo	8,717.00	PAB 26-jul-82	COMERCIALIZADORA DE CEMENTOS	4.64	40,447 *
3	Site for educational and sport activities	3,021.00	APB 4-sept-95	UNIVERSITAT DE BARCELONA	4.54	13,715
4	Drinking water network Dic de l'Est - c/ Escar	6,342.00 m.l.	APB 26-feb-97	AGUAS DE BARCELONA, SA	-	-
ADOSSAT						
5	Multipurpose terminal:		APB 27-oct-99	SAPORT-MAPOR, SA		
	Yard	32,975.00			4.32	142,452
	Depot	14,355.00			7.92	113,692
LLEVANT						
6	Depot	1,052.00	APB 24-apr-95	HÉLICES Y SUMINISTROS NAVALES, SL	24.79	26,079
7	Part of depot for workshop	462.00	PAB 27-may-91	INGENIERÍAS TÉCNICAS PORTUARIAS	7.93	3,664
ORIENTAL						
8	Site for bar-restaurant	168.00	O.M. 24-sept-64	HERMINIA OLLE ROCA	15.63	2,626 *
CATALUNYA I OCCIDENTAL						
9	Vessel repairing area and facilities	31,013.00	O.M. 30-oct-72	UNION NAVAL DE BARCELONA	-	181,182
NOU						
10	Building and facilities	13,704.00	O.M. 20-feb-67	CLUB NATACIÓ BARCELONA	2.63	36,042
11	New sports facilities	6,220.00	APB 25-jun-97	CLUB NATACIÓ BARCELONA	8.11	50,444
12	Vessel repair technical area	34,025.83	PAB 30-oct-89	MARINA BARCELONA 92, SA	7.93	269,825
13	Vessel-painting building	2,094.20	APB 25-apr-94	MARINA BARCELONA 92, SA	2.31	4,838
14	Municipal sports complex	8,911.40	PAB 3-feb-93	C.N. ATLÉTIC BARCELONETA	1.21	10,783
15	Part of old OTP building	3,961.66	APB 30-may-01	G.U. PORT 2000	-	-
16	Bay	733.00	APB 28-nov-01	CONSORCI EL FAR	none levy	-
BALEARS						
17	Fuel supply to fishing vessels		APB 15-feb-95	REPSOL CIAL. PROD. PETROLÍFEROS,SA		
	Tancs	101.00			3.24	327
	Pipelines	80.00 m. l.			2.59	207
	Pump	4.00			7.93	32
	Local	16.00			62.01	992
RELLOTGE						
18	Marina for sportives vessel:		PAB 05-nov-90	MARINA PORT-VELL, SA		
	Marina	1,114.30			14.42	16,068
	Support building	742.77			14.42	10,711
	Fishing area	900.00			14.42	12,978
19	Maritime Trade school (Suport building)	2,471.14	APB 15-feb-95	CONSORCI EL FAR	none levy	-
20	Projects links to UPC (Suport building)	593.17	APB 25-jun-98	UNIV.POLITÈCNICA DE CATALUNYA	none levy	-
BARCELONETA						

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
21	Passeig de Borbó parking garage	14,678.54	PAB 30-oct-89	CINTRA APARCAMIENTOS, SA	depends.	
DIPÒSIT						
22	Building	295.00	O.M. 29-apr-67	COL. OF. PES. Y MED. PÚBLICOS	10.20	3,009
23	Part of "Palau de Mar" building	15,594.00	PAB 30-oct-89	PÒRTIC DE MAR, SA	20.52	319,989
24	Palau de Mar (History museum)	10,006.00	APB 30-mar-95	GENERALITAT DE CATALUNYA	0.21	2,101
ESPAÑA						
25	Sports buildings and facilities	3,132.00	O.M. 30-oct-68	REIAL CLUB MARÍTIM	4.38	13,718
26	Sports buildings and facilities	1,780.00	O.M. 21-feb-67	REIAL CLUB NÀUTIC	4.38	7,796
27	"L'Aquàrium" maritime centre	6,664.00	PAB 30-sept-92	ACUARIOS OCEANWORLD, SL	16.22	108,090
28	Sea water transport for aquarium (Buried pipe)	607.00 m. l.	APB 27-mar-96	ACUARIOS OCEANWORLD, SL	6.49	3,939
	Sea water transport for aquarium (Submerged pipe)	520.00 m. l.			0.93	484
29	Shopping centre:		PAB 6-dec-89	ODISEA 2000, SL		
	"Maremagnum" Shopping centre	10,950.00			15.39	168,521
	Shopping centre parking garage	11,939.00			3.85	45,965
	Multiscreen cinemas	3,182.00			15.39	48,971
30	Cinema	2,254.00	PAB 25-feb-91	TEATRE IMAX BARCELONA, SA	14.42	32,503
31	Area for terraces	1,076.00	APB 24-apr-95	TEATRE IMAX BARCELONA, SA	16.22	17,453
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	Bosch i Alsina balconies in used		APB 29-nov-00	AJUNTAMENT DE BARCELONA		
	Three little buildings	3 unitats			3,614.26	10,843 *
	Two little buildings to maritime education	2 unitats			none levy	- *
	Little building flat roof	1,042.20			16.22	16,904 *
34	Underground parking garage	8,145.00	PAB 25-gen-86	SDAD. MPAL.APARCAM. Y SERV.,SA	1.44	11,729
BARCELONA						
35	World Trade Center Barcelona:		PAB 23-apr-90	WORLD TRADE CENTER BARCELONA, SA		
	Built-on area	17,269.05			13.69	236,413
	Subsoil area	20,366.84			3.85	78,412
	Upon 1 ^a floor E M area	737.00			3.85	2,837
36	Maritime Stations North and South, WTCB	3,868.74	APB 28-jul-99	CREUERS DEL PORT DE BARCELONA, SA	-	65,519
SANT BERTRAN						
37	Passenger terminal	32,083.00	APB 14-feb-96	Cía. TRASMEDiterránea, SA	9.44	302,864
38	Area of depot no. 3	4,800.00	PAB 25-mar-91	PROVIMAR	19.04	91,392
39	Site for refrigerators	6,600.00	O.M. 31-may-60	INTERLOGISTICA DEL FRIO, SA	9.44	62,304
40	Site for fat tank	4,141.00	O.M. 28-jun-60	DEMAGRISA	9.44	39,091
	Pipes	387.00 m. l.			3.92	1,517
41	"Apostolado del Mar" building	900.00	PAB 18-mar-91	ARQUEBISBAT DE BARCELONA	none levy	-
42	Drinking water network (Sectors 6 and 7)	8,494.00 m. l.	APB 26-may-99	AGUAS DE BARCELONA, SA	-	-

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
PONENT						
43	Perishable goods terminal	5,556.00	PAB 28-oct-91	TERMINAL PORT-NOU, SA	10.56	58,671
44	Multipurpose terminal:		APB 28-jul-99	TERMINAL PORT-NOU, SA		
	Yard	52,702.00			5.77	304,091
	Depot	19,442.00			10.56	205,308
	Maritime stations and offices	-			-	16,512
	Offices and services	512.00			62.01	31,749
COSTA						
45	Pipes	1,353.00	m. l.	R.O. 16-apr-23 CLH, SA	2.50	3,383 *
46	Pipes	996.00	m. l.	O.M. 26-sept-40 CLH, SA	2.50	2,490 *
47	Pipes	250.40	m. l.	O.M.23-jul-54 CLH, SA	2.50	626 *
48	Manholes	4.00		O.M. 23-jul-54 CLH, SA	3.10	12 *
CONTRADIC						
49	Potash warehouse and wagon tippler	4,663.00	O.M. 8-may-58	TRAMER, SA	9.44	44,019
50	Potassium salt distributing tank	3,048.00	R.O. 20-nov-30	TRAMER, SA	9.44	28,773
51	Wagon tippler	253.00	O.M. 16-nov-59	TRAMER, SA	9.44	2,388
52	Salt warehouse	2,200.00	O.M. 23-gen-69	TRAMER, SA	9.44	20,768
53	Distributing warehouse and load-discharge facilities	2,836.00	R.O. 16-gen-26	TRAMER, SA	9.44	26,772
54	Grain silo "A"	1,102.00	O.M. 22-dec-61	ERGRANSA	9.48	10,447
55	Area of influence	1,868.00	O.M. 22-dec-61	ERGRANSA	9.48	17,709
56	Wagon loading and discharge station	164.00	O.M. 21-mar-70	ERGRANSA	9.48	1,555
57	Extension of silos "B" and "C"	4,440.00	O.M. 8-feb-78	ERGRANSA	9.48	42,091
58	Agrofood bulks warehouse	5,334.37	APB 30-oct-95	ERGRANSA	9.48	50,570
59	Site for oils and similar goods	5,395.00	APB 14-feb-96	MOYRESA	9.48	51,145
	Pipes	455.00 m. l.			3.63	1,652
	Facilities use	-				8,274.76
60	Site	6,278.00	O.M. 22-feb-63	SAdecA	9.44	59,264
	Pipes	90.00 m. l.			3.63	327
61	Bar	95.87	APB 1-jul-01	BLANCA HERREROS ZAPATER	9.80	940
62	Vessel loading facilities	10,675.20	APB 13-dic-00	PORTCEMEN, SA	9.48	101,201
63	Molasses warehouse	3,002.00	PAB 25-feb-91	LOIRET & HAENTJENS ESPAÑA, SA	9.44	28,339
	Pipes	140.00 m. l.			3.63	508
OEST						
64	Cargo terminal	5,481.00	O.M. 22-feb-22	FERROCARRILS GENERALITAT CATALUNYA	3.13	17,156
65	Stall	30.00	O.M. 13-may-58	FERROCARRILS GENERALITAT CATALUNYA	3.13	94
66	Site	31,790.00	O.M. 13-apr-77	MOYRESA	7.21	229,206
SUD						
67	Public container terminal	268,864.00	PAB 24-feb-92	TCB, SL	6.60	1,774,502
	Public container terminal (affected part of the pavem.)	192,418.00			6.05	1,164,129
68	Turn around	387.69	R.O. 15-gen-31	CLH, SA	6.26	2,427
69	Site	635.00	O.M. 19-feb-46	CLH, SA	6.26	3,975
70	Site	10,317.62	O.M. 1-dec-62	CLH, SA	6.26	64,588
71	Site	73,080.00	O.M. 28-jul-67	CLH, SA	6.26	457,481
72	Pipeline BAPRAT	2,175.00 m. l.	APB 23-feb-00	CLH, SA	2.59	5,633
PANTALÀ						
73	Vessel-berthing jetty	10,619.00	O.M. 24-jun-66	CLH, SA	2.21	23,468
	Vessel-berthing jetty	1,451.00			none levy	- *
ÀLVAREZ DE LA CAMPA						
74	Soya oil extraction plant	38,123.00	O.M. 23-gen-76	CARGILL ESPAÑA, SA	4.27	162,785
75	Cement silos	1,276.00	O.M. 17-sept-68	CIA. VALENCIANA DE CEMENTOS	7.21	9,200 *
76	Service station	3,024.00	PAB 28-gen-91	AGIP ESPAÑA, SA		32,426.41

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
77	60-tonne weightbridge facility	200.00	APB 25-apr-94	COL. OF. PESADORES Y MED. PUBLICOS	7.93	1,586
EV. FERNANDEZ						
78	Container depot	65,200.00	APB 26-gen-00	ALMAC. DE DEPÓSITO MARTAINER, SA	7.21	470,092
79	Site for container stocking and repairs	68,006.00	APB 29-jul-98	PROGECHO, SA	7.21	490,323
80	Site	3,267.00	APB 1-nov-01	UTE REBARSA-SAR	7.72	25,221
PRÍNCEP D'ESPANYA						
81	Multipurpose terminal:		APB 8-jul-98	TERMINAL CATALUNYA, SA		
	Yard	323,270.00			5.77	1,865,268
	Depot	26,145.00			10.56	276,091
	Workshop	779.00			16.52	12,869
	Office	510.00			62.01	31,625
	Building facilities value	-			-	4,878
	Building paying-up	-			-	2,323
82	Laboratory:	512.77	APB 28-oct-98	SGS ESPAÑOLA DE CONTROL, SA	24.41	12,517
	Offices	80.85			107.27	8,673
TRAM VI						
83	Site	23,671.00	PAB 21-dec-87	TRANS-CATALA, SL	7.21	170,668 *
84	Site	11,493.45	APB 31-oct-01	LOGISTICA DE TIERRA, SL	7.21	82,868
	Yard	2,744.55			24.41	66,994
85	Stock depot		APB 23-jul-97	DAMEX, SA		
	Yard	24,501.30			7.21	176,654
	Depot	7,905.80			24.41	192,981
	Office	368.00			62.01	22,820
	Building value	-			-	2,326
86	Salt depot	7,305.00	APB 30-sept-98	SAL COSTA, SA	7.21	52,669
87	Assistance centre	1,090.14	APB 25-oct-00	SDAD. ESTATAL DE ESTIBA Y decESTIBA	7.21	7,860
88	Site for workshop	4,836.00	O.M. 20-sept-77	septRAM, SA	7.21	34,868
89	Quarantine and laboratory	3,606.40	O.M. 3-mar-72	GENERALITAT DE CATALUNYA	3.13	11,288
90	Drinking water network (Sector 5)	3,764.00 m. l.	APB 27-oct-95	AGUAS DE BARCELONA, SA	-	-
DÀRSENA SUD						
91	Automobile Terminal	291,977.00	PAB 27-nov-89	AUTOTERMINAL, SA	6.55	1,912,449
92	Automobile Terminal	57,483.00	PAB 25-nov-92	septRAM, SA	5.77	331,677
SUD ZONE						
93	Industrial building in Carrer Y	12,094.00	PAB 8-oct-90	CONTENOSA	7.93	95,905
94	Site	10,000.00	PAB 27-feb-84	PROD. SIDER. MEDITERRANEO	6.23	62,300
95	Site	10,000.00	PAB 30-jul-84	TRANSCONDAL CONTAINERS, SA	6.23	62,300
96	Site	10,000.00	PAB 30-jul-84	PROCOMSA	6.23	62,300
97	Service station	5,250.00	PAB 28-gen-91	AGIP ESPAÑA, SA		52,349
98	Industrial building	4,926.00	PAB 26-feb-91	MINIS. HACIENDA (DUANA)	none levy	-
99	Industrial building	3,768.00	PAB 27-may-91	SERVEIS RECIEPE (TM2)	24.41	91,977
	Site	6,439.00			7.93	51,061
INFLAMABLES						
100	Tankwashing area	10,992.70	APB 25-jun-98	LAVADEROS DE CISTERNAS, SA	7.93	87,172
101	Site hydrocarbon and derivative warehouse	107,607.40	PAB 03-oct-88	DECAL ESPAÑA, SA	6.55	704,828
102	Chemical products terminal	32,231.00	O.M. 04-oct-73	TERMINALES QUÍMICOS, SA	6.55	211,113

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
103	Chemical products terminal	37,740.00	O.M. 15-jun-71	TERMINALES PORTUARIAS, SL	6.69	252,481
104	Chemical products terminal	56,129.00	O.M. 27-jul-71	TERMINALES PORTUARIAS, SL	6.55	367,645
105	Petrol products terminal	61,032.00	APB 15-feb-95	TERMINALES PORTUARIAS, SL	6.55	399,760
106	Site for liquid product warehouse	16,930.37	O.M. 17-sept-73	RECEPTORA DE LÍQUIDOS, SL	6.55	110,894
107	Site	139,641.70	O.M. 24-feb-65	ENAGAS, SA	2.32	323,969
	Submarine emissary	10,842.40			2.69	29,166
108	Wharf for methane tankers	2,000.00	PAB 19-jun-67	ENAGAS, SA	6.76	13,520
109	Water-intake pool		APB 31-may-00	ENAGAS, SA	3.60	0
	area	625.00				
	pipes	679.00			2.59	1,759
110	Sea water depot	192.50	APB 23-feb-00	ENAGAS, SA	2.59	499
	on a water mirror	1096.9			7.21	7,909
111	Site	9,921.00	PAB 27-may-91	ECOLOGICA IBERICA Y MEDITERRANEA	7.93	78,674
112	Underwater gas pipeline	11,770.00 m. l.	APB 30-jun-99	ENAGAS, SA	0.14	1,648
	Underwater gas pipeline (terrestrial part)	1050 m. l.	APB 30-jun-99		2.59	2,720
113	Drinking water network (sector 4)	3,515.00 m. l.	APB 23-jul-97	AGUAS DE BARCELONA, SA	-	-
PIPE TRACK						
114	Pipes	1,130.00 m. l.	PAB 3-oct-88	DECAL ESPAÑA, SA	2.59	2,927
115	Pipes	375.00 m. l.	PAB 3-oct-88	DECAL ESPAÑA, SA	2.59	971
116	Pipes	1,346.00 m. l.	PAB 31-gen-89	TERMINALES QUÍMICOS, SA	2.59	3,486
117	Pipes	2,075.00 m. l.	J.P. 12-dec-74	TERMINALES PORTUARIAS, SL	2.59	5,374
118	Pipes	660.00 m. l.	J.P. 12-dec-74	TERMINALES PORTUARIAS, SL	2.59	1,709
119	Pipes	1,040.00 m. l.	PAB 1-gen-91	RECEPTORA DE LÍQUIDOS, SL	2.59	2,694
120	Pipes	300.00 m. l.	PAB 19-jun-67	ENAGAS, SA	2.59	777
121	Gas pipeline sections	3,049.00 m. l.	APB 25-april-01	ENAGAS, SA	2.59	7,897
122	Gas pipeline	2,300.00 m. l.	APB 26-may-99	ENAGAS, SA	2.59	5,957
123	Pipes	1,737.00 m. l.	APB 26-jun-96	GAS NATURAL SDG, SA	2.59	4,499
NOU CONTRADIC						
124	Area for a terminal park	254,780.50	APB 26-jun-96	MUELLES Y ESPACIOS PORTUARIOS, SA	2.13	542,682
Z.A.L. (1ª. FASE)						
125	Block A.1	59,570.47	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	298,448
126	Block A.2	46,315.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	232,038
127	Block A.3	51,589.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	258,461
128	Block A.4	38,574.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	193,256
129	Block A.5	48,120.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	241,081
130	Block A.6 (Bar-restaurant)	1,329.00	APB 29-nov-93	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	6,658

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
131	Block A.7	47,618.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	238,566
132	Block A.8	88,197.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	441,867
133	Service Center building	42,973.00	PAB 27-apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	5.01	215,295

* Withdrawals along the year

3.2. Authorised in 2002

No.	Name	Date of authorisation	Owner	Levy Euros/m ² /year	Annual amount (Euros)
1	Enlargement of the concession by 145.517,90 m ²	APB 30-January-02	MUELLES Y ESPACIOS PORTUARIOS	2.13	309,953.13
2	Enlargement of the concession by 3.130,01 m ²	APB 30-January-02	DAMEX, SA	7.21	22,567.37
3	Granting of 492,14 m ² in concession for the installation and running of a Museum and a bar at the Cap de Creus lighthouse	APB 29-May-02	CADAQUÉS TOWN COUNCIL	10.49	5,162.55
4	Granting of 6.893 m ² in concession for the installation of a concrete factory	APB 17-July-02	FORMIGONS TARRAGONA, SL	7.93	54,661.49
5	Modification of the area of the concession	APB 17-July-02	AUTOTERMINAL, SA	6.55	3,910.35
6	Modification of the area of the concession	APB 17-July-02	SETRAM, SA	5.77	43,176.91
7	Granting of an underground area of 12.572,22 m ² . and 419,52 m ² per floor, for the construction and operation of a car park	APB 17-July-02	PARKING BARCELONETA SWIMMING AND ATHLETICS CLUB	4,06 s/underground. 16,22 s/floor	57,847.82
8	Enlargement of the concession by 21.566,60 m ²	APB 18-September-02	MUELLES Y ESPACIOS PORTUARIOS	2.13	45,936.86
9	Transfer of the concession of a Bar on the Contradic Wharf	APB 18-September-02	MARIBEL ROVIRA HERREROS	9.80	940.51
10	Granting of 8.906,77 m ² in concession for the construction of a silo and the installation of a concrete factory	APB 30-October-02	CEMEX ESPAÑA, SA	9.44	84,079.91
11	Granting of 4000 l.m. for laying of pipes already installed	APB 27-November-02	MANAGEMENT OF THE CONCESSION PUERTO BARCELONA AIE	3.78	15,120.00
12	Transfer of the concession of Transcondal Containers	APB 18-December-02	FORMIGONS TARRAGONA, SL	6.23	62,300.00
13	Granting of 10.500 m ² of underground area in area II, in concession for the installation of a reef park	APB 18-December-02	BARCELONA CITY COUNCIL	0.00	0.00



4 Traffic statistics

This chapter provides an extensive description of traffic in the Port of Barcelona during 2002. 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.

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4 Traffic statistics

4.1. Passenger traffic

4.1.1. Passengers

4.1.1.1. Number of passengers

	Domestic traffic National	Domestic traffic Community	Foreign	Total domestic and foreign	Bay or local
Entries	356,298	61,055	227,034	644,387	0
Departures	385,236	53,276	220,887	659,399	0
Entries+Departures	741,534	114,331	447,921	1,303,786	219,495
In transit	0	0	386,738	386,738	0
TOTAL	741,534	114,331	834,659	1,690,524	219,495

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

Port of origin or destination	Entries	Departures	Total
Palma de Mallorca	198,832	234,195	433,027
Eivissa + Maó + Rest of domestic	157,466	150,985	308,451
Total domestic	356,298	385,180	741,478
Foreign-pleasure cruise traffic-	61,055	53,332	114,387
Total foreign	61,055	53,332	114,387
TOTAL	417,353	438,512	855,865

4.1.2. Cars with passengers. Number of units

	Domestic	Foreign	Total
Entries	78,115	10,446	88,561
Departures	82,117	8,354	90,471
TOTAL	160,232	18,800	179,032

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 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT
SPANISH							
Domestic							
Number	2,646	110	350	1,068	633	485	
GT	30,036,505	137,636	1,313,461	7,903,507	7,672,953	13,008,948	
Foreign							
Number	202	12	28	59	102	1	
GT	1,783,601	28,410	124,680	398,066	1,205,529	26,916	
TOTAL SPANISH							
Number	2,848	122	378	1,127	735	486	0

Type of navigation	Total	Up to 3,000 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT
GT	31,820,106	166,046	1,438,141	8,301,573	8,878,482	13,035,864	0
FOREIGN							
Domestic							
Number	209	106	48	47	6	2	0
GT	1,064,686	296,405	184,951	413,518	104,850	64,962	0
Foreign							
Number	5,936	727	598	1,213	1,606	1,419	373
GT	114,106,714	1,610,398	2,368,063	9,321,960	26,895,250	51,039,996	22,871,047
TOTAL FOREIGN							
Number	6,145	833	646	1,260	1,612	1,421	373
GT	115,171,400	1,906,803	2,553,014	9,735,478	27,000,100	51,104,958	22,871,047
TOTALS							
Domestic							
Number	2,855	216	398	1,115	639	487	0
GT	31,101,191	434,041	1,498,412	8,317,025	7,777,803	13,073,910	0
Foreign							
Number	6,138	739	626	1,272	1,708	1,420	373
G.T	115,890,315	1,638,808	2,492,743	9,720,026	28,100,779	51,066,912	22,871,047
GENERAL TOTAL							
Number	8,993	955	1,024	2,387	2,347	1,907	373
GT	146,991,506	2,072,849	3,991,155	18,037,051	35,878,582	64,140,822	22,871,047
Percentatge of total %							
Number	100.00	10.62	11.39	26.54	26.10	21.21	4.15
GT	100.00	1.41	2.72	12.27	24.41	43.64	15.56

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 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
GERMANY	Calls	15	14	86	7	88	36	5	251
	GT	39,670	55,570	671,276	82,926	1,664,040	1,329,477	268,915	4,111,874
ANTARCTICA	Calls			1					1
	GT			5,222					5,222
ANTIGUA AND BARBUDA	Calls	217	90	109	31	60	11		518
	GT	494,573	354,706	784,638	367,654	1,002,416	398,317		3,402,304
NETHERLANDS ANTILLES	Calls	10	6	1		8			25
	GT	26,482	20,875	5,089		189,776			242,222
ALGERIA	Calls	8	5	37			36		86
	GT	5,680	17,147	269,715			1,092,456		1,384,998
AUSTRIA	Calls	3							3
	GT	7,721							7,721
BAHAMAS	Calls	14	21	30	11	58	116	32	282
	GT	33,106	88,194	238,361	147,345	1,185,896	4,239,905	1,891,275	7,824,082
BARBADOS	Calls	6							6
	GT	14,298							14,298

		Up to 3,000 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
BELIZE	Calls	2							2
	GT	3,350							3,350
BERMUDAS	Calls			1			5	6	
	GT			12,500			544,325	556,825	
BOLIVIA	Calls	1							1
	GT	1,765							1,765
BRUNEI	Calls					1			1
	GT					48,612			48,612
BULGARIA	Calls	10		51		4			65
	GT	20,081		450,187		64,670			534,938
CAMBODIA	Calls	9		1					10
	GT	20,511		9,326					29,837
CANADA	Calls				3				3
	GT				72,297				72,297
CAYMAN ISLANDS	Calls		1	1	9		1		12
	GT		3,204	5,476	116,966		25,891		151,537
CHINA	Calls				9	1	6	1	17
	GT				122,535	18,177	273,348	76,032	490,092
CYPRUS	Calls	21	21	80	15	47	31		215
	GT	49,663	80,881	569,404	206,661	914,737	1,063,349		2,884,695
COMOROS	Calls	1							1
	GT	2,123							2,123
SOUTH KOREA	Calls				1		4		5
	GT				16,270		209,688		225,958
CROATIA	Calls	1					1		2
	GT	2,883					30,770		33,653
DENMARK	Calls	19	1	14	19	48			101
	GT	35,605	4,336	127,385	229,444	970,106			1,366,876
EGYPT	Calls		1	2	15				18
	GT		4,688	13,300	181,140				199,128
UNITED ARAB EMIRATES	Calls			1		1	1		3
	GT			5,684		15,455	32,534		53,673
SPAIN	Calls	122	378	1,127	677	58	486		2,848
	GT	166,046	1,438,141	8,301,573	7,819,270	1,059,212	13,035,864		31,820,106
ETHIOPIA	Calls				7				7
	GT				83,124				83,124
PHILIPPINES	Calls					6			6
	GT					234,287			234,287
FINLAND	Calls		4						4
	GT		16,713						16,713
FRANCE	Calls	7	1	30	6	5	4		53
	GT	11,674	3,446	207,124	81,986	81,260	160,272		545,762
GEORGIA	Calls	8							8
	GT	15,396							15,396
GIBRALTAR	Calls	5	4	1		2			12
	GT	10,464	14,144	6,763		33,640			65,011
GREECE	Calls	2		15	62	18	17	4	118
	GT	4,702		147,315	767,056	350,388	602,236	213,812	2,085,509
HONDURAS	Calls	3							3
	GT	4,383							4,383

		Up to 3,000 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
HONG KONG	Calls			1	1	9	7	1	19
	GT			6,322	13,706	211,732	265,423	75,590	572,773
INDIA	Calls					3			3
	GT					65,889			65,889
IRAN	Calls					1			1
	GT					15,670			15,670
MARSHALL ISLANDS	Calls		2	5	3	28			38
	GT		17,880	64,730	70,174	834,666			987,450
WALLIS AND FUTUNA ISLANDS	Calls					13			13
	GT					618,583			618,583
ISRAEL	Calls					81	5		86
	GT					3,245,991	355,402		3,601,393
ITALY	Calls	51	77	42	52	183	320	107	832
	GT	107,341	289,880	315,331	690,032	3,080,789	10,987,151	6,703,343	22,173,867
JAPAN	Calls					27	2		29
	GT					1,222,448	106,356		1,328,804
LEBANON	Calls		2	10					12
	GT		8,319	88,547					96,866
LIBERIA	Calls	6	40	6	35	91	144	13	335
	GT	16,325	150,550	44,224	440,286	1,728,165	4,855,804	977,623	8,212,977
LIBIA	Calls			16					16
	GT			97,680					97,680
LUXEMBOURG	Calls	2	7	1		8			18
	GT	5,317	30,975	5,677		134,400			176,369
MALAYSIA	Calls					2	4	13	19
	GT					36,906	158,328	694,779	890,013
MALTA	Calls	19	45	141	57	138	26	8	434
	GT	43,645	186,046	1,022,212	707,711	2,497,116	790,442	427,624	5,674,796
MOROCCO	Calls	27	94	27		10			158
	GT	65,029	371,159	154,794		171,420			762,402
MAURITYUS	Calls					2			2
	GT					47,522			47,522
NIGERIA	Calls	1							1
	GT	1,599							1,599
NORWAY	Calls	1	36	16	7	24	29	38	151
	GT	689	142,242	102,684	83,994	480,238	1,202,228	2,558,536	4,570,611
NETHERLANDS	Calls	192	51	102	2	1	13	21	382
	GT	484,107	191,674	584,513	28,826	22,415	460,991	1,150,561	2,923,087
PANAMA	Calls	46	10	22	29	215	314	54	690
	GT	115,966	41,163	171,105	372,548	4,036,883	11,194,962	2,998,121	18,930,748
POLAND	Calls					3			3
	GT					53,753			53,753
PORTUGAL	Calls	25	15	22					62
	GT	56,817	58,358	175,359					290,534
QATAR	Calls					1			1
	GT					32,534			32,534
UNITED KINGDOM	Calls	7	21	232		47	46	26	379
	GT	15,812	82,019	2,005,000		906,909	1,606,476	1,789,374	6,405,590
ROMANIA	Calls	1		4					5
	GT	2,598		28,119					30,717

		Up to 3,000 GT	From 3,001to 5,000 GT	From 5,001to 10,000 GT	From 10,001to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
RUSSIA	Calls	14	8	1	1				24
	GT	26,687	32,190	6,395	14,141				79,413
SAN VICENT AND THE GRENADINES	Calls	14	35	34	8	18	7		116
	GT	30,073	151,591	275,134	100,484	328,620	224,634		1,110,536
SAO TOME AND PRINCIPE	Calls		1						1
	GT		4,909						4,909
SINGAPUR	Calls		1	4	1	1	66	12	85
	GT		4,484	28,251	11,878	22,847	2,964,529	640,187	3,672,176
SYRIA	Calls			2					2
	GT			10,612					10,612
SWEDEN	Calls	1		5		2		10	18
	GT	2,673		45,008		33,894		525,044	606,619
SWITZERLAND	Calls	3	2	1					6
	GT	8,997	8,509	5,401					22,907
TAIWAN (REPUBLIC OF CHINA)	Calls					14	4		18
	GT					518,322	222,432		740,754
TONGA	Calls		1						1
	GT		1,427						1,427
TUNISIA	Calls				29	1			30
	GT				519,303	31,647			550,950
TURKEY	Calls	52	31	109	81	6			279
	GT	102,010	130,525	1,028,965	877,345	130,034			2,268,879
TUVALU	Calls		1						1
	GT		2,119						2,119
UKRAINE	Calls	7	1			1			9
	GT	13,442	4,517			21,275			39,234
VANUATU	Calls					13	8		21
	G.T.					358,345	442,028		800,373
TOTAL	Calls	955	1,024	2,387	1,148	1,199	1,907	373	8,993
	G.T.	2,072,849	3,991,155	18,037,051	13,624,288	22,254,294	64,140,822	22,871,047	146,991,506

4.2.1.3. Distribution by type of vessel

Type of vessel		Spanish	Foreign	Total
TANKERS (General)	Number	84	793	877
	G.T.	677,377	12,774,393	13,451,770
BULK CARRIERS	Number	41	122	163
	G.T.	84,035	2,515,769	2,599,804
GENERAL CARGO (LO-LO)	Number	310	1,220	1,530
	G.T.	1,449,220	5,682,012	7,131,232
REFRIGERATORS	Number		58	58
	G.T.		673,625	673,625
RO-RO CARGO	Number	701	522	1,223
	G.T.	5,795,336	7,912,961	13,708,297
PASSENGERS ONLY	Number	5	628	633
	G.T.	37,390	22,608,838	22,646,228
RO-RO (Cargo and Passengers)	Number	1,446	284	1,730
	G.T.	21,180,667	7,503,938	28,684,605

Type of vessel		Spanish	Foreign	Total
CONTAINER CARRIERS	Number	214	1,913	2,127
	G.T.	1,994,367	38,484,246	40,478,613
TANKERS	Number	36	48	84
	G.T.	522,596	1,167,990	1,690,586
CAR-CARRIERS	Number	11	557	568
	G.T.	79,118	15,847,628	15,926,746
TOTAL	Number	2,848	6,145	8,993
	G.T.	31,820,106	115,171,400	146,991,506

4.2.2. Warships entering during the year

Vessels	Spanish	Foreign	Total
Number	24	35	59
G.T.	39,776	201,887	241,663

4.2.3. Fishing vessels

Vessels		Total	Deep sea	Coastal
Registered during the year to 31 December	Number	4	0	4
	G.T.	353	0	353
Based in the port	Number	94	0	94
	G.T.	1,993	0	1,993

4.2.4. Pleasure craft

Vessels		Total
Registered during the year to 31 December	Number	712
	G.T.	3,560
Based in the port	Number	657
	G.T.	11,826

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	%		
0.00□	9,309,001	100.00	1,221,173	8,087,828
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		
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	208,975	2.24		208,975
BULK FERTILISERS USING ANTI POLLUTION MEANS	0	0.00		
PERLITE, VERMICULITE, SEPIOLITE	48,557	0.52		48,557
SCRAP IRON	38,959	0.42	138	38,821
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	24,852	0.27		24,852
COMMON SALT	24,498	0.26	21,348	3,150
SOYA FLOUR	0	0.00		
CLAYS	13,424	0.14		13,424
ROUGH KAOLIN AND CYANITE	12,800	0.14		12,800

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
GROUND GLASS	12,473	0.13	50	12,423
GRANULATED SLAG	11,187	0.12	11,187	
OTHERS	14,428	0.15	0	14,428
TOTAL	410,153	4.41	32,723	377,430
GENERAL CARGO				
PERSONAL BELONGINGS	354,942	3.81	10,469	344,473
LAMINATED STEEL SUP. A 4,75 MM	612,444	6.58		612,444
CARS	215,406	2.31	21,965	193,441
COFFEE	315,107	3.38	19	315,088
FOOD PREPARATIONS	0	0.00		
TILES	154,469	1.66	129	154,340
BOTTLED GRAPE WINE	64,476	0.69	673	63,802
CRUDE SMELTING FOUNDING	170,078	1.83		170,078
VEHICLES PARTS AND ACCESSORIES	80,521	0.86	141	80,381
MINERAL WATERS	0	0.00		
DETERGENTS	0	0.00		
ETHYLENE POLYMERS	127,207	1.37	9	127,198
POLYCARBOXYLIC ACIDS	109,401	1.18		109,401
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	51,140	0.55	209	50,931
CEMENT IN SACKS	0	0.00		
NON-DRIED ALFALFA	0	0.00		
STUCCOED PAPERS AND CARDBOARDS	4,740	0.05		4,740
MALT BEER, BOTTLED	47,858	0.51	145	47,713
PLASTIC MANUFACTURED GOODS	80,249	0.86	195	80,053
LAMINATED STEEL SUP. A 4,75 MM	78,949	0.85		78,949
NON STUCCOED PAPERS AND CARDBOARDS	0	0.00		
MARBLE	68,614	0.74	5	68,610
OTHER FURNITURE AND THEIR PARTS	51,700	0.56	905	50,795
OLIVE OIL, BOTTLED	0	0.00		
WASTE PAPER	71,377	0.77	29,863	41,514
NON-ALLOYED IRON AND STEEL, INGOTS	69,591	0.75	56	69,536
PAPER AND CARDBOARDS	50,209	0.54	199	50,010
ACCELERATING CHEMICAL PRODUCTS	68,607	0.74		68,607
INORGANIC ACIDS	61,454	0.66	7,536	53,917
ANIMAL FEED (TINNED)	0	0.00		
COMMON SOAP	0	0.00		
FROZEN FISH	55,311	0.59	1,735	53,576
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	52,796	0.57	0	52,796
BANANAS	51,958	0.56	51,073	885
PULSES AND DRIED VEGETABLES	50,153	0.54		50,153
BLOOMS AND TYRES	49,528	0.53	12	49,516
SYNTHETIC FILAMENT CABLES	0	0.00		
PAPER IN ROLLS AND SHEETS FOR PRINTING	46,741	0.50	219	46,522
SCRAP IRON	46,228	0.50	44,144	2,084
ORANGE BLOSSOM WATER	2,579	0.03	2,579	
MISCELLANEOUS GOODS	5,635,013	60.53	1,016,170	4,618,843
TOTAL	8,898,848	95.59	1,188,450	7,710,398

4.3.1.2. Loaded on service wharves and berths

Goods	Total	Domestic (t)	Foreign (t)
	Tonnes		
Total loaded	10,572,837	100.00	3,426,421
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	
BULK SOLID WITHOUT SPECIAL FACILITY			
PETROLIUM COKE	0	0.00	
BULK FERTILISERS USING ANTIPOOLLUTION MEANS	100,163	0.95	9,505
PERLITE, VERMICULITE, SEPIOLITE	0	0.00	
SCRAP IRON	0	0.00	
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	0	0.00	
COMMON SALT	42,781	0.40	29,859
SOYA FLOUR	29,473	0.28	29,473
CLAYS	0	0.00	
ROUGH KAOLIN AND CYANITE	0	0.00	
GROUND GLASS	0	0.00	
GRANULATED SLAG	0	0.00	
OTHERS	4,524	0.04	3,900
			624

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
TOTAL	176,941	1.67	43,264	133,677
GENERAL CARGO				
PERSONAL BELONGINGS	726,691	6.87	378,695	347,996
LAMINATED STEEL SUP. A 4,75 MM	0	0.00		
CARS	496,883	4.70	84,415	412,468
COFFEE	129,161	1.22	2,735	126,426
FOOD PREPARATIONS	408,678	3.87	391,023	17,655
TILES	296,579	2.81	43,998	252,581
BOTTLED GRAPE WINE	196,303	1.86	38,930	157,372
CRUDE SMELTING FOUNDING	0	0.00		
VEHICLES PARTS AND ACCESSORIES	142,421	1.35	7,040	135,381
MINERAL WATERS	142,387	1.35	127,382	15,005
DETERGENTS	128,434	1.21	34,771	93,664
ETHYLENE POLYMERS	96,357	0.91	3,812	92,545
POLYCARBOXYLIC ACIDS	0	0.00		
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	107,557	1.02	9,248	98,309
CEMENT IN SACKS	103,137	0.98	93,882	9,255
NON-DRIED ALFALFA	100,644	0.95	41,012	59,632
STUCCOED PAPERS AND CARDBOARDS	97,996	0.93	7,495	90,500
MALT BEER, BOTTLED	94,731	0.90	72,442	22,289
PLASTIC MANUFACTURED GOODS	59,599	0.56	8,789	50,810
LAMINATED STEEL SUP. A 4,75 MM	0	0.00		
NON STUCCOED PAPERS AND CARDBOARDS	75,026	0.71	1,282	73,744
MARBLE	73,893	0.70	2,509	71,384
OTHER FURNITURE AND THEIR PARTS	73,493	0.70	35,702	37,791
OLIVE OIL, BOTTLED	72,322	0.68	2,618	69,704
WASTE PAPER	0	0.00		
NON-ALLOYED IRON AND STEEL, INGOTS	29,984	0.28	13,551	16,434
PAPER AND CARDBOARDS	69,341	0.66	3,510	65,832
ACCELERATING CHEMICAL PRODUCTS	60,575	0.57	110	60,465
INORGANIC ACIDS	0	0.00		
ANIMAL FEED (TINNED)	55,540	0.53	20,642	34,898
COMMON SOAP	53,617	0.51	41,563	12,054
FROZEN FISH	30,557	0.29	784	29,772
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	46,496	0.44	233	46,264
BANANAS	0	0.00		
PULSES AND DRIED VEGETABLES	47,720	0.45	31	47,689
BLOOMS AND TYRES	0	0.00		
SYNTHETIC FILAMENT CABLES	48,237	0.46	86	48,151
PAPER IN ROLLS AND SHEETS FOR PRINTING	14,117	0.13	6,253	7,864
SCRAP IRON	0	0.00		
ORANGE BLOSSOM WATER	46,118	0.44	39,964	6,154
MISCELLANEOUS GOODS	6,271,301	59.32	1,868,650	4,402,650
TOTAL	10,395,896	98.33	3,383,157	7,012,739

4.3.1.3. Total unloaded and loaded on service wharves and berths

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded and loaded	9,485,942	100.00	1,264,437	8,221,505
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		
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	208,975	2.20	0	208,975
BULK FERTILISERS USING ANTIPOOLLUTION MEANS	100,163	1.06	9,505	90,658
PERLITE, VERMICULITE, SEPIOLITE	48,557	0.51	0	48,557
SCRAP IRON	38,959	0.41	138	38,821
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	24,852	0.26	0	24,852
COMMON SALT	67,279	0.71	51,207	16,072
SOYA FLOUR	29,473	0.31	0	29,473
CLAYS	13,424	0.14	0	13,424
ROUGH KAOLIN AND CYANITE	12,800	0.13	0	12,800
GROUND GLASS	12,473	0.13	50	12,423
GRANULATED SLAG	11,187	0.12	11,187	0
OTHERS	18,952	0.20	3,900	15,052

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
TOTAL	587,094	6.19	75,987	511,107
GENERAL CARGO				
PERSONAL BELONGINGS	354,942	3.74	10,469	344,473
LAMINATED STEEL SUP. A 4,75 MM	612,444	6.46		612,444
CARS	215,406	2.27	21,965	193,441
COFFEE	315,107	3.32	19	315,088
FOOD PREPARATIONS	0	0.00		
TILES	154,469	1.63	129	154,340
BOTTLED GRAPE WINE	64,476	0.68	673	63,802
CRUDE SMELTING FOUNDING	170,078	1.79		170,078
VEHICLES PARTS AND ACCESSORIES	80,521	0.85	141	80,381
MINERAL WATERS	0	0.00		
DETERGENTS	0	0.00		
ETHYLENE POLYMERS	127,207	1.34	9	127,198
POLYCARBOXYLIC ACIDS	109,401	1.15		109,401
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	51,140	0.54	209	50,931
CEMENT IN SACKS	0	0.00		
NON-DRIED ALFALFA	0	0.00		
STUCCOED PAPERS AND CARDBOARDS	4,740	0.05		4,740
MALT BEER, BOTTLED	47,858	0.50	145	47,713
PLASTIC MANUFACTURED GOODS	80,249	0.85	195	80,053
LAMINATED STEEL SUP. A 4,75 MM	78,949	0.83		78,949
NON STUCCOED PAPERS AND CARDBOARDS	0	0.00		
MARBLE	68,614	0.72	5	68,610
OTHER FURNITURE AND THEIR PARTS	51,700	0.55	905	50,795
OLIVE OIL, BOTTLED	0	0.00		
WASTE PAPER	71,377	0.75	29,863	41,514
NON-ALLOYED IRON AND STEEL, INGOTS	69,591	0.73	56	69,536
PAPER AND CARDBOARDS	50,209	0.53	199	50,010
ACCELERATING CHEMICAL PRODUCTS	68,607	0.72		68,607
INORGANIC ACIDS	61,454	0.65	7,536	53,917
ANIMAL FEED (TINNED)	0	0.00		
COMMON SOAP	0	0.00		
FROZEN FISH	55,311	0.58	1,735	53,576
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	52,796	0.56	0	52,796
BANANAS	51,958	0.55	51,073	885
PULSES AND DRIED VEGETABLES	50,153	0.53		50,153
BLOOMS AND TYRES	49,528	0.52	12	49,516
SYNTHETIC FILAMENT CABLES	0	0.00		
PAPER IN ROLLS AND SHEETS FOR PRINTING	46,741	0.49	219	46,522
SCRAP IRON	46,228	0.49	44,144	2,084
ORANGE BLOSSOM WATER	2,579	0.03	2,579	
MISCELLANEOUS GOODS	5,635,013	59.40	1,016,170	4,618,843
TOTAL	8,898,848	93.81	1,188,450	7,710,398

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	11,832,741	100.00	1,052,975	10,779,766
BULK LIQUIDS				
NATURAL GAS	4,648,365	39.28	93,158	4,555,207
DIESEL OIL	2,207,979	18.66	108,338	2,099,641
PETROL AND KEROSENE	1,165,492	9.85	316,004	849,488
FUEL-OIL	259,646	2.19	259,646	
METHANOL, PROPANOL, BUTANOL	207,981	1.76	559	207,423
BULK PALM OIL	192,880	1.63		192,880
CAUSTIC SODA	118,684	1.00		118,684
BULK SOYA OIL	0	0.00		
AGGLUTINATING CHEMICAL PRODUCTS	80,030	0.68		80,030
COCONUT OIL (COPRA), PALMIST	78,612	0.66		78,612
SULPHURIC ACID	72,734	0.61	29,632	43,102
XYLENE, TOLUENE, BENZENE, STYRENE	46,934	0.40	33,343	13,591
CARBONIC OIL	42,156	0.36	34,839	7,317
LUBRICANTS	34,678	0.29		34,678
PEROXIDE ALCOHOL	29,558	0.25		29,558
ALKILBENZENE	29,083	0.25	29,083	
MOLASSES WITH SPECIAL FACILITY	28,588	0.24		28,588
ADDITIVE FOR MAKING LUBRICANTS	27,155	0.23		27,155
OTHER BULK LIQUIDS	190,247	1.61	4,732	185,516
TOTAL	9,460,804	79.95	909,334	8,551,470
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,528,242	12.92		1,528,242
WHEAT	326,894	2.76		326,894
BULK CEMENT AND CLINKER	272,912	2.31	143,641	129,271
MAIZE WITH FACILITY	204,738	1.73		204,738
POTASSIUM CHLORIDE	0	0.00		
DRY PULSES WITHOUT POD	20,023	0.17		20,023
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	19,128	0.16		19,128
PULPS, OILCAKES AND MEALS	0	0.00		
OTHER BULKS PER FACILITY	0	0.00		
TOTAL	2,371,937	20.05	143,641	2,228,296
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTI POLLUTION 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			

Goods	Total	Domestic (t)	Foreign (t)
	Tonnes		
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		
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 FILAMENT 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	893,616	100.00	256,878	636,738
BULK LIQUIDS				
NATURAL GAS	0	0.00		
DIESEL OIL	8,897	1.00	7,640	1,256
PETROL AND KEROSENE	153,352	17.16	29,416	123,936
FUEL-OIL	0	0.00		
METHANOL, PROPANOL, BUTANOL	3,136	0.35		3,136
BULK PALM OIL	0	0.00		
CAUSTIC SODA	171,339	19.17	50,904	120,435
BULK SOYA OIL	108,830	12.18		108,830
AGGLUTINATING CHEMICAL PRODUCTS	305	0.03		305
COCONUT OIL (COPRA), PALMIST	2,400	0.27		2,400
SULPHURIC ACID	0	0.00		
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00		
CARBONIC OIL	0	0.00		
LUBRICANTS	10	0.00	10	
PEROXIDE ALCOHOL	0	0.00		
ALKILBENZENE	0	0.00		
MOLASSES WITH SPECIAL FACILITY	0	0.00		
ADDITIVE FOR MAKING LUBRICANTS	14,005	1.57	8,915	5,090
OTHER BULK LIQUIDS	7,075	0.79	0	7,075
TOTAL	469,349	52.52	96,886	372,463
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	5,065	0.57	5,065	
WHEAT	7,387	0.83		7,387
BULK CEMENT AND CLINKER	343,201	38.41	143,713	199,488
MAIZE WITH FACILITY	0	0.00		
POTASSIUM CHLORIDE	64,304	7.20	9,090	55,214
DRY PULSES WITHOUT POD	0	0.00		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00		
PULPS, OILCAKES AND MEALS	4,309	0.48	2,124	2,186
OTHER BULKS PER FACILITY	0	0.00		
TOTAL	424,267	47.48	159,992	264,275
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTIPOOLLUTION 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			

Goods	Total Tonnes	%	Domestic (t)	Foreign (t)
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			
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 FILAMENT 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	12,726,357	100.00	1,309,853	11,416,504
BULK LIQUIDS				
NATURAL GAS	4,648,365	36.53	93,158	4,555,207
DIESEL OIL	2,216,876	17.42	115,978	2,100,897
PETROL AND KEROSENE	1,318,844	10.36	345,421	973,423
FUEL-OIL	259,646	2.04	259,646	0
METHANOL, PROPANOL, BUTANOL	211,117	1.66	559	210,559
BULK PALM OIL	192,880	1.52	0	192,880
CAUSTIC SODA	290,023	2.28	50,904	239,119
BULK SOYA OIL	108,830	0.86	0	108,830
AGGLUTINATING CHEMICAL PRODUCTS	80,335	0.63	0	80,335
COCONUT OIL (COPRA), PALMIST	81,012	0.64	0	81,012
SULPHURIC ACID	72,734	0.57	29,632	43,102
XYLENE, TOLUENE, BENZENE, STYRENE	46,934	0.37	33,343	13,591
CARBONIC OIL	42,156	0.33	34,839	7,317
LUBRICANTS	34,688	0.27	10	34,678
PEROXIDE ALCOHOL	29,558	0.23	0	29,558
ALKILBENZENE	29,083	0.23	29,083	0
MOLASSES WITH SPECIAL FACILITY	28,588	0.22	0	28,588
ADDITIVE FOR MAKING LUBRICANTS	41,161	0.32	8,915	32,246
OTHER BULK LIQUIDS	197,323	1.55	4,732	192,591
TOTAL	9,930,153	78.03	1,006,220	8,923,933
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,533,308	12.05	5,065	1,528,242
WHEAT	334,281	2.63	0	334,281
BULK CEMENT AND CLINKER	616,112	4.84	287,354	328,759
MAIZE WITH FACILITY	204,738	1.61	0	204,738
POTASSIUM CHLORIDE	64,304	0.51	9,090	55,214
DRY PULSES WITHOUT POD	20,023	0.16	0	20,023
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	19,128	0.15	0	19,128
PULPS, OILCAKES AND MEALS	4,309	0.03	2,124	2,186
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	2,796,204	21.97	303,633	2,492,571
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0			
BULK FERTILISERS USING ANTIPOOLLUTION 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			

Goods	Total Tonnes	%	Domestic (t)	Foreign (t)
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			
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 FILAMENT 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	21,141,742	100.00	2,274,148	18,867,594
BULK LIQUIDS				
NATURAL GAS	4,648,365	21.99	93,158	4,555,207
DIESEL OIL	2,207,979	10.44	108,338	2,099,641
PETROL AND KEROSENE	1,165,492	5.51	316,004	849,488
FUEL-OIL	259,646	1.23	259,646	0
METHANOL, PROPANOL, BUTANOL	207,981	0.98	559	207,423
BULK PALM OIL	192,880	0.91	0	192,880
CAUSTIC SODA	118,684	0.56	0	118,684
BULK SOYA OIL	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	80,030	0.38	0	80,030
COCONUT OIL (COPRA), PALMIST	78,612	0.37	0	78,612
SULPHURIC ACID	72,734	0.34	29,632	43,102
XYLENE, TOLUENE, BENZENE, STYRENE	46,934	0.22	33,343	13,591
CARBONIC OIL	42,156	0.20	34,839	7,317
LUBRICANTS	34,678	0.16	0	34,678
PEROXIDE ALCOHOL	29,558	0.14	0	29,558
ALKILBENZENE	29,083	0.14	29,083	0
MOLASSES WITH SPECIAL FACILITY	28,588	0.14	0	28,588
ADDITIVE FOR MAKING LUBRICANTS	27,155	0.13	0	27,155
OTHER BULK LIQUIDS	190,247	0.90	4,732	185,516
TOTAL	9,460,804	44.75	909,334	8,551,470
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,528,242	7.23	0	1,528,242
WHEAT	326,894	1.55	0	326,894
BULK CEMENT AND CLINKER	272,912	1.29	143,641	129,271
MAIZE WITH FACILITY	204,738	0.97	0	204,738
POTASSIUM CHLORIDE	0	0.00	0	0
DRY PULSES WITHOUT POD	20,023	0.09	0	20,023
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	19,128	0.09	0	19,128
PULPS, OILCAKES AND MEALS	0	0.00	0	0
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	2,371,937	11.22	143,641	2,228,296
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	208,975	0.99	0	208,975
BULK FERTILISERS USING ANTI POLLUTION MEANS	0	0.00	0	0
PERLITE, VERMICULITE, SEPIOLITE	48,557	0.23	0	48,557
SCRAP IRON	38,959	0.18	138	38,821
ALUMINIUM ORES, BAUXITE, ALUMIUON HYDRATE	24,852	0.12	0	24,852
COMMON SALT	24,498	0.12	21,348	3,150
SOYA FLOUR	0	0.00	0	0
CLAYS	13,424	0.06	0	13,424
ROUGH KAOLIN AND CYANITE	12,800	0.06	0	12,800
GROUND GLASS	12,473	0.06	50	12,423

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
GRANULATED SLAG	11,187	0.05	11,187	0
OTHERS	14,428	0.07	0	14,428
TOTAL	410,153	1.94	32,723	377,430
GENERAL CARGO				
PERSONAL BELONGINGS	354,942	1.68	10,469	344,473
LAMINATED STEEL SUP. A 4,75 MM	612,444	2.90	0	612,444
CARS	215,406	1.02	21,965	193,441
COFFEE	315,107	1.49	19	315,088
FOOD PREPARATIONS	0	0.00	0	0
TILES	154,469	0.73	129	154,340
BOTTLED GRAPE WINE	64,476	0.30	673	63,802
CRUDE SMELTING FOUNDING	170,078	0.80	0	170,078
VEHICLES PARTS AND ACCESSORIES	80,521	0.38	141	80,381
MINERAL WATERS	0	0.00	0	0
DETERGENTS	0	0.00	0	0
ETHYLENE POLYMERS	127,207	0.60	9	127,198
POLYCARBOXYLIC ACIDS	109,401	0.52	0	109,401
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	51,140	0.24	209	50,931
CEMENT IN SACKS	0	0.00	0	0
NON-DRIED ALFALFA	0	0.00	0	0
STUCCOED PAPERS AND CARDBOARDS	4,740	0.02	0	4,740
MALT BEER, BOTTLED	47,858	0.23	145	47,713
PLASTIC MANUFACTURED GOODS	80,249	0.38	195	80,053
LAMINATED STEEL SUP. A 4,75 MM	78,949	0.37	0	78,949
NON STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0
MARBLE	68,614	0.32	5	68,610
OTHER FURNITURE AND THEIR PARTS	51,700	0.24	905	50,795
OLIVE OIL, BOTTLED	0	0.00	0	0
WASTE PAPER	71,377	0.34	29,863	41,514
NON-ALLOYED IRON AND STEEL, INGOTS	69,591	0.33	56	69,536
PAPER AND CARDBOARDS	50,209	0.24	199	50,010
ACCELERATING CHEMICAL PRODUCTS	68,607	0.32	0	68,607
INORGANIC ACIDS	61,454	0.29	7,536	53,917
ANIMAL FEED (TINNED)	0	0.00	0	0
COMMON SOAP	0	0.00	0	0
FROZEN FISH	55,311	0.26	1,735	53,576
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	52,796	0.25	0	52,796
BANANAS	51,958	0.25	51,073	885
PULSES AND DRIED VEGETABLES	50,153	0.24	0	50,153
BLOOMS AND TYRES	49,528	0.23	12	49,516
SYNTHETIC FILAMENT CABLES	0	0.00	0	0
PAPER IN ROLLS AND SHEETS FOR PRINTING	46,741	0.22	219	46,522
SCRAP IRON	46,228	0.22	44,144	2,084
ORANGE BLOSSOM WATER	2,579	0.01	2,579	0
MISCELLANEOUS GOODS	5,635,013	26.65	1,016,170	4,618,843
TOTAL	8,898,848	42.09	1,188,450	7,710,398

4.3.3.2. Total loaded

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total loaded	11,466,453	100.00	3,683,299	7,783,154
BULK LIQUIDS				
NATURAL GAS	0	0.00	0	0
DIESEL OIL	8,897	0.08	7,640	1,256
PETROL AND KEROSENE	153,352	1.34	29,416	123,936
FUEL-OIL	0	0.00	0	0
METHANOL, PROPANOL, BUTANOL	3,136	0.03	0	3,136
BULK PALM OIL	0	0.00	0	0
CAUSTIC SODA	171,339	1.49	50,904	120,435
BULK SOYA OIL	108,830	0.95	0	108,830
AGGLUTINATING CHEMICAL PRODUCTS	305	0.00	0	305
COCONUT OIL (COPRA), PALMIST	2,400	0.02	0	2,400
SULPHURIC ACID	0	0.00	0	0
XYLENE, TOLUENE, BENZENE, STYRENE	0	0.00	0	0
CARBONIC OIL	0	0.00	0	0
LUBRICANTS	10	0.00	10	0
PEROXIDE ALCOHOL	0	0.00	0	0
ALKILBENZENE	0	0.00	0	0
MOLASSES WITH SPECIAL FACILITY	0	0.00	0	0
ADDITIVE FOR MAKING LUBRICANTS	14,005	0.12	8,915	5,090
OTHER BULK LIQUIDS	7,075	0.06	0	7,075
TOTAL	469,349	4.09	96,886	372,463
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	5,065	0.04	5,065	0
WHEAT	7,387	0.06	0	7,387
BULK CEMENT AND CLINKER	343,201	2.99	143,713	199,488
MAIZE WITH FACILITY	0	0.00	0	0
POTASSIUM CHLORIDE	64,304	0.56	9,090	55,214
DRY PULSES WITHOUT POD	0	0.00	0	0
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00	0	0
PULPS, OILCAKES AND MEALS	4,309	0.04	2,124	2,186
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	424,267	3.70	159,992	264,275
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	0	0.00	0	0
BULK FERTILISERS USING ANTIPOOLLUTION MEANS	100,163	0.87	9,505	90,658
PERLITE, VERMICULITE, SEPIOLITE	0	0.00	0	0
SCRAP IRON	0	0.00	0	0
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	0	0.00	0	0
COMMON SALT	42,781	0.37	29,859	12,922
SOYA FLOUR	29,473	0.26	0	29,473
CLAYS	0	0.00	0	0
ROUGH KAOLIN AND CYANITE	0	0.00	0	0
GROUND GLASS	0	0.00	0	0
GRANULATED SLAG	0	0.00	0	0
OTHERS	4,524	0.04	3,900	624

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
TOTAL	176,941	1.54	43,264	133,677
GENERAL CARGO				
PERSONAL BELONGINGS	726,691	6.34	378,695	347,996
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
CARS	496,883	4.33	84,415	412,468
COFFEE	129,161	1.13	2,735	126,426
FOOD PREPARATIONS	408,678	3.56	391,023	17,655
TILES	296,579	2.59	43,998	252,581
BOTTLED GRAPE WINE	196,303	1.71	38,930	157,372
CRUDE SMELTING FOUNDING	0	0.00	0	0
VEHICLES PARTS AND ACCESSORIES	142,421	1.24	7,040	135,381
MINERAL WATERS	142,387	1.24	127,382	15,005
DETERGENTS	128,434	1.12	34,771	93,664
ETHYLENE POLYMERS	96,357	0.84	3,812	92,545
POLYCARBOXYLIC ACIDS	0	0.00	0	0
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	107,557	0.94	9,248	98,309
CEMENT IN SACKS	103,137	0.90	93,882	9,255
NON-DRIED ALFALFA	100,644	0.88	41,012	59,632
STUCCOED PAPERS AND CARDBOARDS	97,996	0.85	7,495	90,500
MALT BEER, BOTTLED	94,731	0.83	72,442	22,289
PLASTIC MANUFACTURED GOODS	59,599	0.52	8,789	50,810
LAMINATED STEEL SUP. A 4,75 MM	0	0.00	0	0
NON STUCCOED PAPERS AND CARDBOARDS	75,026	0.65	1,282	73,744
MARBLE	73,893	0.64	2,509	71,384
OTHER FURNITURE AND THEIR PARTS	73,493	0.64	35,702	37,791
OLIVE OIL, BOTTLED	72,322	0.63	2,618	69,704
WASTE PAPER	0	0.00	0	0
NON-ALLOYED IRON AND STEEL, INGOTS	29,984	0.26	13,551	16,434
PAPER AND CARDBOARDS	69,341	0.60	3,510	65,832
ACCELERATING CHEMICAL PRODUCTS	60,575	0.53	110	60,465
INORGANIC ACIDS	0	0.00	0	0
ANIMAL FEED (TINNED)	55,540	0.48	20,642	34,898
COMMON SOAP	53,617	0.47	41,563	12,054
FROZEN FISH	30,557	0.27	784	29,772
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	46,496	0.41	233	46,264
BANANAS	0	0.00	0	0
PULSES AND DRIED VEGETABLES	47,720	0.42	31	47,689
BLOOMS AND TYRES	0	0.00	0	0
SYNTHETIC FILAMENT CABLES	48,237	0.42	86	48,151
PAPER IN ROLLS AND SHEETS FOR PRINTING	14,117	0.12	6,253	7,864
SCRAP IRON	0	0.00	0	0
ORANGE BLOSSOM WATER	46,118	0.40	39,964	6,154
MISCELLANEOUS GOODS	6,271,301	54.69	1,868,650	4,402,650
TOTAL	10,395,896	90.66	3,383,157	7,012,739

4.3.3.3. Total unloaded and loaded

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
Total unloaded and loaded	32,608,195	100.00	5,957,447	26,650,748
BULK LIQUIDS				
NATURAL GAS	4,648,365	14.26	93,158	4,555,207
DIESEL OIL	2,216,876	6.80	115,978	2,100,897
PETROL AND KEROSENE	1,318,844	4.04	345,421	973,423
FUEL-OIL	259,646	0.80	259,646	0
METHANOL, PROPANOL, BUTANOL	211,117	0.65	559	210,559
BULK PALM OIL	192,880	0.59	0	192,880
CAUSTIC SODA	290,023	0.89	50,904	239,119
BULK SOYA OIL	108,830	0.33	0	108,830
AGGLUTINATING CHEMICAL PRODUCTS	80,335	0.25	0	80,335
COCONUT OIL (COPRA), PALMIST	81,012	0.25	0	81,012
SULPHURIC ACID	72,734	0.22	29,632	43,102
XYLENE, TOLUENE, BENZENE, STYRENE	46,934	0.14	33,343	13,591
CARBONIC OIL	42,156	0.13	34,839	7,317
LUBRICANTS	34,688	0.11	10	34,678
PEROXIDE ALCOHOL	29,558	0.09	0	29,558
ALKILBENZENE	29,083	0.09	29,083	0
MOLASSES WITH SPECIAL FACILITY	28,588	0.09	0	28,588
ADDITIVE FOR MAKING LUBRICANTS	41,161	0.13	8,915	32,246
OTHER BULK LIQUIDS	197,323	0.61	4,732	192,591
TOTAL	9,930,153	30.45	1,006,220	8,923,933
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,533,308	4.70	5,065	1,528,242
WHEAT	334,281	1.03	0	334,281
BULK CEMENT AND CLINKER	616,112	1.89	287,354	328,759
MAIZE WITH FACILITY	204,738	0.63	0	204,738
POTASSIUM CHLORIDE	64,304	0.20	9,090	55,214
DRY PULSES WITHOUT POD	20,023	0.06	0	20,023
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	19,128	0.06	0	19,128
PULPS, OILCAKES AND MEALS	4,309	0.01	2,124	2,186
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	2,796,204	8.58	303,633	2,492,571
BULK SOLID WITHOUT SPECIAL FACILITY				
PETROLIUM COKE	208,975	0.64	0	208,975
BULK FERTILISERS USING ANTIPOOLLUTION MEANS	100,163	0.31	9,505	90,658
PERLITE, VERMICULITE, SEPIOLITE	48,557	0.15	0	48,557
SCRAP IRON	38,959	0.12	138	38,821
ALUMINIUM ORES, BAUXITE, ALUMIUN HYDRATE	24,852	0.08	0	24,852
COMMON SALT	67,279	0.21	51,207	16,072
SOYA FLOUR	29,473	0.09	0	29,473
CLAYS	13,424	0.04	0	13,424
ROUGH KAOLIN AND CYANITE	12,800	0.04	0	12,800
GROUND GLASS	12,473	0.04	50	12,423
GRANULATED SLAG	11,187	0.03	11,187	0
OTHERS	18,952	0.06	3,900	15,052

Goods	Total		Domestic (t)	Foreign (t)
	Tonnes	%		
TOTAL	587,094	1.80	75,987	511,107
GENERAL CARGO				
PERSONAL BELONGINGS	1,081,633	3.32	389,164	692,469
LAMINATED STEEL SUP. A 4,75 MM	612,444	1.88	0	612,444
CARS	712,288	2.18	106,379	605,909
COFFEE	444,268	1.36	2,754	441,514
FOOD PREPARATIONS	408,678	1.25	391,023	17,655
TILES	451,048	1.38	44,126	406,922
BOTTLED GRAPE WINE	260,778	0.80	39,604	221,175
CRUDE SMELTING FOUNDING	170,078	0.52	0	170,078
VEHICLES PARTS AND ACCESSORIES	222,943	0.68	7,181	215,762
MINERAL WATERS	142,387	0.44	127,382	15,005
DETERGENTS	128,434	0.39	34,771	93,664
ETHYLENE POLYMERS	223,564	0.69	3,821	219,743
POLYCARBOXYLIC ACIDS	109,401	0.34	0	109,401
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	158,698	0.49	9,457	149,241
CEMENT IN SACKS	103,137	0.32	93,882	9,255
NON-DRIED ALFALFA	100,644	0.31	41,012	59,632
STUCCOED PAPERS AND CARDBOARDS	102,736	0.32	7,495	95,241
MALT BEER, BOTTLED	142,589	0.44	72,587	70,002
PLASTIC MANUFACTURED GOODS	139,848	0.43	8,984	130,863
LAMINATED STEEL SUP. A 4,75 MM	78,949	0.24	0	78,949
NON STUCCOED PAPERS AND CARDBOARDS	75,026	0.23	1,282	73,744
MARBLE	142,508	0.44	2,514	139,994
OTHER FURNITURE AND THEIR PARTS	125,193	0.38	36,607	88,586
OLIVE OIL, BOTTLED	72,322	0.22	2,618	69,704
WASTE PAPER	71,377	0.22	29,863	41,514
NON-ALLOYED IRON AND STEEL, INGOTS	99,576	0.31	13,606	85,969
PAPER AND CARDBOARDS	119,551	0.37	3,709	115,842
ACCELERATING CHEMICAL PRODUCTS	129,182	0.40	110	129,072
INORGANIC ACIDS	61,454	0.19	7,536	53,917
ANIMAL FEED (TINNED)	55,540	0.17	20,642	34,898
COMMON SOAP	53,617	0.16	41,563	12,054
FROZEN FISH	85,867	0.26	2,519	83,348
PLASTIC PLATES, SHEETS, SELF-ADHESIVE FILMS	99,292	0.30	233	99,059
BANANAS	51,958	0.16	51,073	885
PULSES AND DRIED VEGETABLES	97,873	0.30	31	97,842
BLOOMS AND TYRES	49,528	0.15	12	49,516
SYNTHETIC FILAMENT CABLES	48,237	0.15	86	48,151
PAPER IN ROLLS AND SHEETS FOR PRINTING	60,858	0.19	6,472	54,386
SCRAP IRON	46,228	0.14	44,144	2,084
ORANGE BLOSSOM WATER	48,697	0.15	42,543	6,154
MISCELLANEOUS GOODS	11,906,314	36.51	2,884,820	9,021,493
TOTAL	19,294,744	59.17	4,571,607	14,723,137

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

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
GERMANY	99,921	9,862	109,783	ITALY	3,082,956	875,345	3,958,301
ANGOLA		1,516	1,516	JAMAICA	1,780	15,892	17,672
ANTIGUA AND BARBUDA	1	83	84	JAPAN	263,211	143,263	406,474
NETHERLANDS ANTILLES	3	1,890	1,894	JORDAN	2,464	20,399	22,862
SAUDI ARABIA	273,040	96,321	369,361	KAZAKHSTAN		187	187
ALGERIA	3,833,897	303,995	4,137,892	KENYA	59,466	12,585	72,051
ARGENTINA	410,205	64,155	474,360	KUWAIT	26,409	8,421	34,830
ARUBA		232	232	LATVIA	46,015	2,185	48,200
AUSTRALIA	26,264	97,507	123,772	LEBANON	7,261	57,747	65,008
AZERBAIJAN		128	128	LIBERIA	201	229	431
THE BAHAMAS	3	14	16	LIBYA	398,512	8,434	406,945
BAHRAIN	45,517	2,734	48,251	LITHUANIA		1,983	1,983
BANGLADESH	20,906	6,171	27,077	MACAO	132	246	378
BARBADOS		379	379	MADAGASCAR	1,224	792	2,016
BELGIUM	12,490	7,195	19,685	MALAYSIA	161,020	30,284	191,304
BELIZE		526	526	MALTA	22,171	43,009	65,180
BENIN	2,501	9,595	12,096	MOROCCO	95,907	362,216	458,123
BERMUDES	4	4	8	MARTINIQUE	151	3,140	3,291
BRAZIL	1,228,665	178,127	1,406,791	MAURITIUS	2,860	2,535	5,395
BRUNEI	31,892	32	31,924	MAURITANIA	476	5,456	5,932
BULGARIA	65,376	17,281	82,656	MAYOTTE		5	5
BURKINA FASO	107	534	641	MEXICO	215,169	242,372	457,541
CAPE VERDE	15,517		15,517	MONACO	1		1
CAMBODIA (KAMPUCHEA)	499	34	533	MOZAMBIQUE	2,211	1,032	3,243
CAMEROON	11,285	7,828	19,113	MYANMAR (BURMA)	1,384	190	1,574
CANADA	248,252	106,575	354,828	NAMIBIA	185	88	273
CHILE	90,469	36,004	126,473	NICARAGUA	43	44	86
CHINA	777,553	230,634	1,008,187	NIGERIA	8,297	57,834	66,131
CYPRUS	17,246	30,228	47,474	NORWAY	81,307	3,561	84,868
COLOMBIA	23,379	31,607	54,986	NEW CALEDONIAN		632	632
COMOROS		51	51	NEW ZEALAND	6,772	21,110	27,882
CONGO	121	892	1,013	OMAN	78,399	8,672	87,071
NORTH KOREA		509	509	NETHERLANDS	205,807	50,055	255,861
SOUTH KOREA	181,274	116,963	298,237	PANAMA	475	7,153	7,628
IVORY COAST	70,934	57,335	128,269	PAPUA NEW GUINEA	13,311	23	13,334
COSTA RICA	27,419	17,681	45,100	PAKISTAN	51,859	20,077	71,936
CROATIA	2,993	3,033	6,026	PARAGUAY	2,429	3,569	5,998
CUBA	12,548	64,420	76,968	PERU	9,713	16,118	25,831
DENMARK	204	6,202	6,405	FRENCH POLYNESIA		143	143
DJIBOUTI	1,933	4,631	6,564	POLAND	1,124	19,585	20,709

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
ECUADOR	5,350	13,674	19,024	PORTUGAL	43,670	130,325	173,995
EGYPT	182,843	165,652	348,496	PUERTO RICO	17,679	20,452	38,131
EL SALVADOR	2,618	10,143	12,761	QATAR	91,630	1,671	93,302
UNITED ARAB EMIRATES	196,425	90,595	287,020	UNITED KINGDOM	235,759	109,356	345,115
ERITREA		194	194	DOMINICAN REPUBLIC	9,428	27,981	37,409
SLOVENIA	754	8,031	8,784	REPUBLIC OF SOUTH AFRICA	48,839	89,956	138,795
SPAIN	2,579,366	3,879,075	6,458,442	REPUBLIC OF CONGO	283	1,851	2,133
UNITED STATES	1,230,893	1,155,324	2,386,217	REUNION	842	2,364	3,206
ESTHONIA	1,563	3,220	4,783	ROMANIA	328,484	22,546	351,030
ETHIOPY		44	44	AMERICAN SAMOA		5	5
RUSSIA	256,495	27,813	284,308	SAINT VICENT AND THE GRENADINES		3	3
PHILIPPINES	21,728	13,471	35,198	SAINT LUCIA		40	40
FINLAND	21,484	9,822	31,306	SENEGAL	2,734	40,752	43,485
FIJI (ISLANDS)	12		12	SEYCHELLES	67	86	153
FRANCE	562,261	182,280	744,541	SIERRA LEONE		2,078	2,078
GABON	519	1,103	1,622	SINGAPORE	82,636	141,861	224,496
GAMBIA	165	2,531	2,696	SYRIA	17,056	63,159	80,215
GEORGIA	23,736	8,392	32,127	SOMALIA		6	6
GHANA	17,988	29,366	47,354	SRI LANKA	19,412	12,722	32,134
GIBRALTAR		7,301	7,301	SUDAN	3,539	2,541	6,081
GRENADA		23	23	SWEDEN	70,804	10,253	81,057
GREECE	186,811	338,283	525,094	SURINAM	57	432	489
GUADALUPE		2,588	2,588	TAIWAN	101,722	36,789	138,511
GUAM		31	31	TANZANIA	23,226	4,120	27,346
GUATEMALA	3,190	7,913	11,103	THAILAND	82,770	23,808	106,578
FRENCH GUIANA		456	456	TOGO	829	3,494	4,323
GUINEA	249	7,010	7,259	TRINIDAD AND TOBAGO	203,639	3,536	207,175
EQUATORIAL GUINEA	492	11,495	11,988	TUNISIA	42,574	196,312	238,886
GUIANA	58	689	747	TURQUOISE AND CAICOS ISLES		222	222
HAITI	201	8,184	8,386	TURKEY	455,492	349,294	804,786
HONDURAS	8,264	4,400	12,665	TUVALU		95	95
HONG KONG	95,528	93,394	188,922	UKRAINE	279,369	10,465	289,834
HUNGARY	24,828	7	24,835	URUGUAY	40,642	15,743	56,386
INDIA	273,384	39,765	313,149	VENEZUELA	146,219	46,029	192,248
INDONESIA	434,775	27,105	461,880	VIETNAM	96,254	6,174	102,428
IRAK		501	501	YEMEN	473	2,103	2,575
IRAN	8,915	40,304	49,219	YUGOSLAVIA	21	191	212

Country	Unloaded	Loaded	Total	Country	Unloaded	Loaded	Total
IRELAND	28	26,787	26,815	ZAIRE (REPUBLICA)	15	288	303
ICELAND		231	231				
CAYMAN ISLANDS		24	24				
ISRAEL	171,537	310,614	482,151				
				TOTAL	21,141,742	11,466,452	32,608,195

4.3.5. Transchipped cargo

(None)

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

Tariff T-3	Domestic and foreign	Local traffic	Total
Group 1	1,522,131	0	1,522,131
Group 2	8,763,753	0	8,763,753
Group 3	5,707,710	0	5,707,710
Group 4	1,424,443	0	1,424,443
Group 5	10,714,538	0	10,714,538
Facilities	4,475,619	0	4,475,619
TOTAL TARIFF T-3	32,608,194	0	32,608,194

4.3.7. Classification of cargo by type (t)

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
ENERGY	56,795	813,015	869,810	161,508	7,895,044	8,056,552	218,303	8,708,058	8,926,362
1 Crude-oil		115	115	310	127	438	310	242	552
2 Fuel-oil	98	259,646	259,744	624	199	822	722	259,845	260,567
3 Diesel-oil	7,832	108,338	116,170	1,327	2,099,641	2,100,968	9,159	2,207,979	2,217,138
4 Petrol	30,057	316,004	346,061	123,963	849,493	973,457	154,020	1,165,498	1,319,518
6 Other petroleum products	1,890	1,162	3,052	28,690	71,286	99,976	30,580	72,448	103,028
7 Petroleum fuel gases	15,387	34,587	49,974	3,796	38,439	42,235	19,184	73,025	92,209
12 Petroleum coals and coke	1,517	6	1,522	2,797	224,392	227,190	4,314	224,398	228,712
35 Natural gas	14	93,158	93,172		4,611,466	4,611,466	14	4,704,624	4,704,638
IRON AND STEEL	87,026	46,638	133,665	144,527	1,202,428	1,346,955	231,554	1,249,066	1,480,620
8 Iron ore	72		72	183	178	362	255	178	434
11 Scrap iron	3,919	44,282	48,202	3,650	40,906	44,556	7,569	85,188	92,757
13 Iron and steel products	83,035	2,356	85,391	140,694	1,161,344	1,302,038	223,729	1,163,700	1,387,429
METALLURGY	37,700	16,553	54,253	279,284	396,210	675,494	316,984	412,763	729,747
9 Pyrites			0	39	28	67	39	28	67

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
10 Other ores	31,780	16,437	48,217	210,507	270,061	480,569	242,287	286,499	528,786
36 Other metallurgical products	5,920	115	6,035	68,737	126,121	194,858	74,657	126,236	200,894
FERTILISERS	25,337	60	25,397	158,379	24,304	182,683	183,716	24,364	208,080
14 Phosphates	21		21	429	798	1,227	451	798	1,249
15 Potashes	18,652		18,652	147,355	2,036	149,391	166,007	2,036	168,043
16 Natural and artificial fertilisers	6,663	60	6,723	10,595	21,469	32,065	17,258	21,530	38,788
CHEMICALS	231,631	118,751	350,382	1,288,064	1,399,258	2,687,322	1,519,695	1,518,010	3,037,704
17 Chemical products	231,631	118,751	350,382	1,288,064	1,399,258	2,687,322	1,519,695	1,518,010	3,037,704
CONSTRUCTION MATERIALS	447,042	145,848	592,891	627,007	397,959	1,024,966	1,074,049	543,808	1,617,857
5 Asphalt			0	81		81	81	0	81
18 Cement and clinker	246,066	143,713	389,779	209,091	132,997	342,088	455,157	276,710	731,867
20 Construction materials	200,976	2,135	203,112	417,835	264,963	682,797	618,811	267,098	885,909
AGRICULTURE AND FOODS	1,045,829	85,117	1,130,946	1,256,854	3,588,751	4,845,605	2,302,683	3,673,869	5,976,551
21 Grain and flour	23,646	1,035	24,681	24,210	560,353	584,564	47,857	561,388	609,245
22 Soya beans and flour	5,367		5,367	154	1,529,111	1,529,265	5,521	1,529,111	1,534,632
23 Fruit vegetables and pulses	44,545	55,447	99,992	97,536	165,727	263,263	142,081	221,174	363,255
24 Wines, drinks, alcohol and derivatives	297,388	10,002	307,390	238,227	174,253	412,480	535,615	184,255	719,870
27 Canned food	10,756	78	10,834	73,577	91,934	165,511	84,333	92,012	176,345
28 Tobacco, cocoa, coffee and spices	11,578	353	11,930	187,950	420,175	608,126	199,528	420,528	620,056
29 Oils and fats	11,188	656	11,845	227,119	317,015	544,134	238,308	317,671	555,979
30 Other food products	536,688	14,966	551,654	218,733	212,212	430,945	755,421	227,178	982,599
33 Frozen fish	2,302	1,774	4,076	30,471	54,889	85,360	32,773	56,663	89,436
37 Feedstuffs	102,370	807	103,178	158,875	63,081	221,956	261,245	63,888	325,134
OTHER CARGO	677,399	132,950	810,349	1,961,222	2,281,625	4,242,846	2,638,621	2,414,575	5,053,195
19 Wood and cork	23,202	989	24,191	35,469	107,725	143,195	58,671	108,714	167,385
25 Common salt	31,772	23,406	55,178	18,149	4,479	22,627	49,921	27,885	77,806
26 Paper and pulp	26,573	31,687	58,260	443,464	235,396	678,860	470,037	267,083	737,120
31 Machinery, equipment, tools, spares	81,370	7,249	88,619	373,490	433,003	806,492	454,860	440,251	895,111
34 Other cargo	514,481	69,620	584,101	1,090,650	1,501,021	2,591,672	1,605,132	1,570,641	3,175,773
SPECIAL TRANSPORT	1,074,539	915,215	1,989,755	1,906,309	1,682,015	3,588,325	2,980,849	2,597,231	5,578,079
32 Automobiles and parts	96,340	23,904	120,244	596,071	331,178	927,249	692,411	355,082	1,047,493

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
38 Cargo truck platform tare (Ro-Ro)	656,616	620,063	1,276,678	162,874	145,878	308,752	819,489	765,941	1,585,430
39 Container tare	321,583	271,249	592,832	1,147,365	1,204,959	2,352,324	1,468,948	1,476,208	2,945,156
40 Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
TOTAL	3,683,299	2,274,149	5,957,447	7,783,154	18,867,594	26,650,748	11,466,452	21,141,742	32,608,195

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	0	2,365	105,001	232,686	340,052
1 Crude-oil			67	84	151
2 Fuel-oil	0	365	199		564
3 Diesel-oil			1,256	21,902	23,158
4 Petrol	1,243	95,157	86,962		183,363
6 Other petroleum products			5,142	6,974	12,115
7 Petroleum fuel gases	1,122	282	292		1,696
12 Petroleum coals and coke			2,732	2,704	5,436
35 Natural gas			113,569		113,569
IRON AND STEEL	43	0	29,114	31,556	60,713
8 Iron ore			15	15	30
11 Scrap iron	8	243	91		343
13 Iron and steel products	35	28,856	31,450		60,340
METALLURGY	37	0	114,089	99,561	213,687
9 Pyrites					0
10 Other ores	37	75,212	76,594		151,844
36 Other metallurgical products		38,877	22,967		61,843
FERTILISERS	22	0	2,528	2,604	5,154
14 Phosphates			257	257	515
15 Potashes			1,088	1,088	2,175
16 Natural and artificial fertilisers	22	1,183	1,259		2,464
CHEMICALS	17	3,665	158,522	170,398	332,602
17 Chemical products	17	3,665	158,522	170,398	332,602
CONSTRUCTION MATERIALS	62	4,880	189,494	191,000	385,437
5 Asphalt					0
18 Cement and clinker		4,880	3,679	3,610	12,168
20 Construction materials	62		185,815	187,391	373,268
AGRICULTURE AND FOODS	192	0	554,322	567,917	1,122,430
21 Grain and flour	15		8,422	8,637	17,074
22 Soya beans and flour			10	10	20
23 Fruit vegetables and pulses	10		77,631	85,079	162,720
24 Wines, drinks, alcohol and derivatives	20		95,139	96,563	191,722
27 Canned food			48,777	50,594	99,371
28 Tobacco, cocoa, coffee and spices	103	0	146,398	151,285	297,787
29 Oils and fats			26,362	25,646	52,008

Cargo	Domestic		Foreign		Total transit
	Load	Unload	Load	Unload	
30 Other food products	20		106,545	111,357	217,922
33 Frozen fish	23		27,730	18,453	46,206
37 Feedstuffs			17,309	20,293	37,602
OTHER CARGO	1,048	237	567,166	568,928	1,137,379
19 Wood and cork	39		21,750	26,777	48,566
25 Common salt		0	1,193	1,230	2,423
26 Paper and pulp	473	1	87,704	88,323	176,501
31 Machinery, equipment, tools, spares	135	14	79,110	84,227	163,486
34 Other cargo	401	222	377,409	368,370	746,402
SPECIAL TRANSPORT	4,843	1,392	402,843	450,593	859,671
32 Automobiles and parts	1,345	532	90,116	102,827	194,820
38 Cargo truck platform tare (Ro-Ro)		50	305	313	668
39 Container tare	3,498	810	312,422	347,453	664,183
40 Cargo in transit containers (TIC)					0
TOTAL	6,265	12,539	2,123,078	2,315,243	4,457,125

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

	Domestic	Foreign	Total
Cargo loaded			
In containers	347,608	429,164	776,772
By other means	1,819,267	959,231	2,778,497
TOTAL	2,166,874	1,388,395	3,555,269
Cargo Unloaded			
In containers	87,155	256,977	344,132
By other means	714,881	675,031	1,389,912
TOTAL	802,035	932,009	1,734,044
Loaded and unloaded cargo			
In containers	434,762	686,141	1,120,904
By other means	2,534,147	1,634,262	4,168,409
TOTAL	2,968,910	2,320,404	5,289,313

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	121,508
Liquid fuels	262,776
Coal	0
Ice	0
Miscellaneous	0
TOTAL	384,284

4.6. Fish catches

	Weight (t)	Value at 1st sale (euros)
Molluscs	114	663,729
Crustaceans	66	1,684,812
Fish	5,362	9,789,717
TOTAL FRESH FISH	5,541	12,138,258
Semi-cured cod	0	0
Frozen fish	0	0
TOTAL FISH	5,541	12,138,258

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	0	0	11	192	11	192
Empty	0	0	124	463	124	463
TOTAL	0	0	135	656	135	656
UNLOADED						
Full	1	20	7	120	8	140
Empty	0	0	0	0	0	0
TOTAL	1	20	7	120	8	140
LOADED AND UNLOADED						
Full	1	20	18	313	19	333
Empty	0	0	124	463	124	463
TOTAL	1	20	142	776	143	796

4.7.2. 20-Feet containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	42,277	605,347	157,543	2,835,604	199,820	3,440,951
Empty	11,798	23,657	32,804	66,083	44,602	89,740
TOTAL	54,075	629,004	190,347	2,901,687	244,422	3,530,691
UNLOADED						
Full	10,230	116,572	158,525	2,787,039	168,755	2,903,611
Empty	28,454	57,096	50,035	100,769	78,489	157,866
TOTAL	38,684	173,668	208,560	2,887,809	247,244	3,061,477
LOADED AND UNLOADED						
Full	52,507	721,919	316,068	5,622,643	368,575	6,344,562
Empty	40,252	80,753	82,839	166,852	123,091	247,605
TOTAL	92,759	802,672	398,907	5,789,495	491,666	6,592,167

4.7.3. Containers over 20 feet

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	49,586	901,929	150,562	2,923,540	200,148	3,825,470
Empty	3,621	13,757	39,564	152,581	43,185	166,338
TOTAL	53,207	915,686	190,126	3,076,122	243,333	3,991,808
UNLOADED						
Full	12,406	153,889	148,412	2,776,649	160,818	2,930,539
Empty	35,590	142,737	45,063	184,121	80,653	326,858
TOTAL	47,996	296,627	193,475	2,960,770	241,471	3,257,397
LOADED AND UNLOADED						
Full	61,992	1,055,819	298,974	5,700,190	360,966	6,756,008
Empty	39,211	156,494	84,627	336,702	123,838	493,196
TOTAL	101,203	1,212,313	383,601	6,036,892	484,804	7,249,205

4.7.4. Total 20 feet containers and over

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	91,863	1,507,277	308,116	5,759,337	399,979	7,266,613
Empty	15,419	37,413	72,492	219,128	87,911	256,541
TOTAL	107,282	1,544,690	380,608	5,978,464	487,890	7,523,154
UNLOADED						
Full	22,637	270,481	306,944	5,563,809	329,581	5,834,290
Empty	64,044	199,834	95,098	284,890	159,142	484,724
TOTAL	86,681	470,315	402,042	5,848,699	488,723	6,319,014
LOADED AND UNLOADED						
Full	114,500	1,777,758	615,060	11,323,145	729,560	13,100,903
Empty	79,463	237,247	167,590	504,018	247,053	741,265
TOTAL	193,963	2,015,005	782,650	11,827,163	976,613	13,842,168

4.7.4.1. 20 feet containers and over in transit

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	134	1,914	97,228	1,938,925	97,362	1,940,839
Empty	1,445	3,094	5,639	14,403	7,084	17,497
TOTAL	1,579	5,008	102,867	1,953,328	104,446	1,958,336
UNLOADED						
Full	409	4,882	91,092	1,777,248	91,501	1,782,130
Empty	13	34	6,107	21,385	6,120	21,419
TOTAL	422	4,916	97,199	1,798,633	97,621	1,803,549
LOADED AND UNLOADED						
Full	543	6,795	188,320	3,716,173	188,863	3,722,969
Empty	1,458	3,128	11,746	35,788	13,204	38,916
TOTAL	2,001	9,923	200,066	3,751,961	202,067	3,761,885

4.7.5. Total T.E.U. Containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	141,448	1,507,277	458,665	5,759,337	600,113	7,266,613
Empty	19,039	37,413	111,903	219,128	130,942	256,541
TOTAL	160,487	1,544,690	570,568	5,978,464	731,055	7,523,154
UNLOADED						
Full	35,042	270,481	455,341	5,563,809	490,383	5,834,290
Empty	99,633	199,834	140,161	284,890	239,794	484,724
TOTAL	134,675	470,315	595,502	5,848,699	730,177	6,319,014
LOADED AND UNLOADED						
Full	176,490	1,777,758	914,006	11,323,145	1,090,496	13,100,903
Empty	118,672	237,247	252,064	504,018	370,736	741,265
TOTAL	295,162	2,015,005	1,166,070	11,827,163	1,461,232	13,842,168

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

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	202	1,914	146,551	1,938,925	146,753	1,940,839
Empty	1,649	3,094	8,371	14,403	10,020	17,497
TOTAL	1,851	5,008	154,922	1,953,328	156,773	1,958,336
UNLOADED						
Full	160	759	151,746	1,994,475	151,906	1,995,234
Empty	212	486	19,803	39,261	20,015	39,747
TOTAL	372	1,245	171,549	2,033,736	171,921	2,034,981
LOADED AND UNLOADED						
Full	362	2,673	298,297	3,933,400	298,659	3,936,073
Empty	1,861	3,580	28,174	53,664	30,035	57,244
TOTAL	2,223	6,253	326,471	3,987,064	328,694	3,993,317

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	9,747	368	10,115	35,252	38,358	73,611	45,000	38,726	83,726
1 Crude-oil		115	115	310	127	438	310	242	552
2 Fuel-oil	74		74	624	199	822	698	199	897
3 Diesel-oil	191		191	70		70	262	0	262
4 Petrol	640		640	28	6	34	668	6	674
6 Other petroleum products	1,329	248	1,577	27,643	21,752	49,395	28,972	21,999	50,972
7 Petroleum fuel gases	6,420		6,420	3,779	857	4,636	10,199	857	11,056
12 Petroleum coals and coke	1,081	6	1,086	2,797	15,418	18,215	3,878	15,423	19,301
35 Natural gas	12		12		0	0	12	0	12
IRON AND STEEL	48,459	32,911	81,369	94,255	202,290	296,545	142,714	235,200	377,914
8 Iron ore			0	82	124	206	82	124	206
11 Scrap iron	9	30,818	30,828	3,625	2,058	5,683	3,634	32,876	36,510
13 Iron and steel products	48,449	2,092	50,541	90,548	200,108	290,656	138,997	202,200	341,197
METALLURGY	27,982	3,147	31,129	237,573	208,027	445,599	265,554	211,174	476,728
9 Pyrites			0	39		39	39	0	39
10 Other ores	23,685	3,055	26,739	188,641	151,365	340,006	212,326	154,419	366,745
36 Other metallurgical products	4,297	92	4,389	48,892	56,662	105,554	53,189	56,754	109,944
FERTILISERS	1,973	60	2,033	12,348	8,927	21,275	14,321	8,987	23,308
14 Phosphates	0		0	405	798	1,203	406	798	1,204
15 Potashes	57		57	1,483	2,036	3,519	1,540	2,036	3,576
16 Natural and artificial fertilisers	1,916	60	1,976	10,460	6,092	16,553	12,376	6,153	18,528
CHEMICALS	162,429	20,882	183,311	1,135,900	749,974	1,885,874	1,298,329	770,856	2,069,185
17 Chemical products	162,429	20,882	183,311	1,135,900	749,974	1,885,874	1,298,329	770,856	2,069,185
CONSTRUCTION MATERIALS	169,261	791	170,052	413,692	265,526	679,218	582,954	266,316	849,270
5 Asphalt			0	81		81	81	0	81
18 Cement and clinker	60,371	62	60,433	9,554	3,726	13,281	69,925	3,788	73,713
20 Construction materials	108,890	729	109,619	404,057	261,800	665,857	512,947	262,529	775,476
AGRICULTURE AND FOODS	455,460	67,602	523,062	1,077,818	1,132,109	2,209,927	1,533,279	1,199,711	2,732,989
21 Grain and flour	13,851	772	14,623	16,269	14,932	31,201	30,121	15,704	45,824
22 Soya beans and flour	302		302	154	869	1,023	456	869	1,324
23 Fruit vegetables and pulses	13,922	51,510	65,432	97,346	141,627	238,972	111,267	193,137	304,404
24 Wines, drinks, alcohol and derivatives	201,068	6,910	207,978	237,780	160,859	398,639	438,848	167,769	606,617
27 Canned food	9,867	77	9,944	71,929	91,724	163,653	81,796	91,801	173,597
28 Tobacco, cocoa, coffee and spices	11,251	353	11,604	187,153	419,828	606,982	198,404	420,181	618,585
29 Oils and fats	10,649	656	11,305	94,798	23,103	117,900	105,446	23,759	129,205
30 Other food products	108,318	4,981	113,300	217,698	182,403	400,101	326,017	187,384	513,401
33 Frozen fish	856	1,735	2,591	29,796	53,748	83,544	30,652	55,483	86,135
37 Feedstuffs	85,377	607	85,985	124,895	43,017	167,912	210,272	43,625	253,897
OTHER CARGO	340,803	72,495	413,299	1,652,334	1,903,142	3,555,476	1,993,137	1,975,638	3,968,775
19 Wood and cork	9,865	806	10,672	34,852	45,132	79,984	44,717	45,939	90,656
25 Common salt	1,745		1,745	4,713	1,329	6,041	6,458	1,329	7,787

Cod Goods		Domestic			Foreign			Total		
		Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
26	Paper and pulp	17,872	17,154	35,026	400,778	216,812	617,590	418,650	233,966	652,616
31	Machinery, equipment, tools, spares	59,381	4,756	64,137	351,163	408,838	760,001	410,544	413,594	824,138
34	Other cargo	251,940	49,780	301,719	860,828	1,231,031	2,091,859	1,112,768	1,280,810	2,393,579
	SPECIAL TRANSPORT	328,575	272,060	600,635	1,319,292	1,340,346	2,659,637	1,647,866	1,612,406	3,260,272
32	Automobiles and parts	6,421	1,590	8,011	172,227	135,119	307,346	178,648	136,709	315,356
38	Cargo truck platform tare (Ro-Ro)	725	42	768	1,601	308	1,909	2,327	350	2,677
39	Container tare	321,428	270,428	591,856	1,145,464	1,204,919	2,350,383	1,466,892	1,475,347	2,942,239
40	Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
	TOTAL	1,544,690	470,315	2,015,005	5,978,464	5,848,699	11,827,163	7,523,154	6,319,014	13,842,168

4.8. General summary of maritime traffic

4.8.1. General table number 1

Items	Tonnes	
	Partial	Total
LIQUID BULK		
Petroleum products		8,502,409
Other liquids		1,427,744
SOLID BULK		
	3,383,298	3,383,298
GENERAL CARGO		
	19,294,744	19,294,744
LOCAL TRAFFIC		
	0	0
SHIP SUPPLIES		
Petroleum products		262,776
Other		121,508
FISHING		
	5,541	5,541
TOTAL		
	32,998,020	32,998,020

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

Items	Tonnes
Cargo loaded	11,850,736
Cargo unloaded	21,147,283
Cargo transhipped	0
TOTAL	32,998,019

4.8.3. General table number 3

Items	Tonnes	
	Partial	Total
FOREIGN TRADE		26,650,748
Import	18,867,594	
Export	7,783,154	
Transhipment	0	
DOMESTIC TRADE	5,957,447	5,957,447
FISHING SUPPLIES AND LOCAL TRAFFIC	389,825	389,825
TOTAL	32,998,020	32,998,020

4.8.4. General table number 4

Items	Tonnes
Petroleum products (1)	8,765,185
Solid bulk	3,383,298
General cargo	19,294,744
Other (2)	1,554,793
TOTAL	32,998,020

(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	32,608,194	11,466,452	21,141,742	0
Local or river traffic	0	0	0	0
Supplies	384,284	384,284	0	0
Fishing	5,541	0	5,541	0
TOTAL	32,998,019	11,850,736	21,147,283	0

4.9. Land traffic

Transport means for entry or exit from the port service area	Tonnes	
	Total	Discharged from vessel
Rail	1,686,971	782,643
Road	23,815,370	15,398,043
Oil pipeline	4,744,307	4,728,852
Other means	0	0
Subtotal	30,246,648	20,909,538
No land transport	2,361,546	232,204
TOTAL	32,608,194	21,141,742
		11,466,452



5 Use of the Port

This chapter describes the activity at the Port of Barcelona during 2002 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 2002.

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	3,206	962	4,168
General cargo	3,206	962	4,168
ADOSSAT B - 01B	0	8,250	8,250
Solid bulk		8,250	8,250
ADOSSAT C - 01C	274	0	274
General cargo	274		274
ADOSSAT D - 01D	168,991	64,671	233,662
Solid bulk		1,476.4	1,476.4
General cargo	168,991	64,671	233,662
ADOSSAT E - 01E	26,452	9,418	35,870
General cargo	26,452	9,418	35,870
ALVAREZ DE LA CAMPA B - 26B	488,824	1,013,866	1,502,690
Liquid bulk	50,552	1,011	51,563
Solid bulk	36,724	874,879	911,603
General cargo	401,548	137,976	539,523
ALVAREZ DE LA CAMPA (RO-RO) - 26A	388,354	75,015	463,369
General cargo	388,354	75,015	463,369
BARCELONA (EST) - 18B	14	0	14
General cargo	14	0	14
BARCELONA (NORD) - 18A	102,502	39,509	142,011
General cargo	102,502	39,509	142,011
BARCELONA (SUD) - 18C	386,686	159,132	545,818
General cargo	386,686	159,132	545,818
CONTRADIC (EST) - 22B	0	1,334,496	1,334,496
Solid bulk		1,320,933	1,320,933
General cargo		13,562	13,562
CONTRADIC (NORD) - 22A	389,655	21,019	410,674
Liquid bulk	177,491	5,703	183,194
Solid bulk	207,248	6,521	213,769
General cargo	4,915	8,795	13,710
CONTRADIC (SUD) - 22C	378,864	454,200	833,063
Liquid bulk	23,142	23,065	46,208
Solid bulk	350,570	428,829	779,399
General cargo	5,151	2,305	7,456
COSTA - 21A	138,553	50,810	189,363
Liquid bulk		6,569	6,569
Solid bulk	624		624
General cargo	137,929	44,241	182,170
DÀRSENA INTERIOR A - 31A	159,794	104,863	264,657
General cargo	159,794	104,863	264,657
DÀRSENA INTERIOR B - 31B	159,017	28,803	187,820
General cargo	159,017	28,803	187,820
DÀRSENA SUD A - 30A	38,926	741,757	780,683
Solid bulk		2,230	2,230
General cargo	38,926	739,527	778,453
DÀRSENA SUD B - 30B	20,102	255,166	275,268
General cargo	20,102	255,166	275,268

Wharf or berth	Loading	Unloading	Total
DÀRSENA SUD C - 30C	103,137	74,900	178,037
General cargo	103,137	74,900	178,037
FONDEIG SUD - 90A	0	4	4
General cargo		4	4
INFLAMABLES A - 32A	164,531	1,187,137	1,351,667
Liquid bulk	164,529	1,187,137	1,351,666
General cargo	1		1
INFLAMABLES B - 32B	0	83,008	83,008
Liquid bulk		83,008	83,008
INFLAMABLES C - 32C	3,136	475,044	478,180
Liquid bulk	3,136	475,044	478,180
General cargo	0		0
INFLAMABLES D - 32D	0	403,732	403,732
Liquid bulk		403,732	403,732
General cargo	0	0	
INFLAMABLES E - 32E	3,006	330,061	333,067
Liquid bulk	3,006	330,060	333,066
General cargo		1	1
INFLAMABLES F - 32F	7,368	183,314	190,682
Liquid bulk	7,368	183,314	190,682
General cargo		0	
INFLAMABLES H - 32H	0	4,704,624	4,704,624
Liquid bulk		4,648,365	4,648,365
General cargo		56,259	56,259
LEPANT A - 27A	592,238	175,056	767,294
General cargo	592,238	175,056	767,294
LEPANT B - 27B	186,732	75,834	262,566
General cargo	186,732	75,834	262,566
LEPANT C - 27C	22,362	10,822	33,184
General cargo	22,362	10,822	33,184
MOLL 0	3,901	0	3,901
Solid bulk	3,900		
General cargo		1	
OEST - 23A	31,143	146,320	177,463
Liquid bulk	28,369		28,369
Solid bulk	2,124	138,971	141,095
General cargo	651	7,349	8,000
PANTALÀ (PLTF. 2 NORD) - 25B	11,725	216,573	228,297
Liquid bulk	11,725	216,573	228,297
PANTALÀ (PLTF. 2 SUD) - 25E	0	282,024	282,024
Liquid bulk		282,024	282,024
PANTALÀ (PLTF. 3 NORD) - 25C	0	1,428,145	1,428,145
Liquid bulk		1,428,145	1,428,145
General cargo	0		
PANTALÀ (PLTF. 3 SUD) - 25D	0	187,054	187,054
Liquid bulk		187,054	187,054
PONENT (EST) - 20C	298	24,311	24,609
General cargo	298	24,311	24,609
PONENT (NORD) - 20A	568,092	545,378	1,113,471
General cargo	568,092	545,378	1,113,471
PONENT (SUD) - 20D	251,569	160,747	412,315

Wharf or berth	Loading	Unloading	Total
General cargo	251,569	160,747	412,315
PRÍNCEP D'ESPANYA - 29A	1,929,186	1,624,524	3,553,711
Liquid bulk	10		10
General cargo	1,929,176	1,624,524	3,553,701
SANT BERTRAN A - 19A	615,216	264,288	879,504
General cargo	615,216	264,288	879,504
SANT BERTRAN B - 19B	189,555	60,943	250,498
General cargo	189,555	60,943	250,498
SUD (ESPERA) - 24X	927	10,017	10,944
General cargo	927	10,017	10,944
SUD (EST) - 24B	3,034,595	3,348,275	6,382,870
Liquid bulk	20		20
General cargo	3,034,575	3,348,275	6,382,850
SUD (NORD) - 24A	897,521	776,194	1,673,715
Liquid bulk	18		18
General cargo	897,503	776,194	1,673,697
TOTAL	11,466,452	21,140,266	32,606,718

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	9
G.T. of ships moored	88,331
G.T. per day of ships moored	-

5.3. Berths

Number of ships berthed	9,134
Linear metres of berths (sum of ship lengths)	1,431,544
Linear metres per day of berthing	-

5.4. Area utilisation (t/day)

Areas	Covered	Uncovered	Total
Wharf area and others	0	3,706,003	3,706,003
TOTAL	0	3,706,003	3,706,003

5.5. Mechanical shore equipment

5.5.1. Cranes

Cranes	With hook or bucket	
	Hours	Tonnes
FIXED OR ON RAILS		
Vessel loading or unloading	1,472	273,219
Moving or lifting	-	-
TOTAL	1,472	273,219
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.	-	785,859
CEMEX ESPAÑA S.A.	-	143,641
CIA. LOGISTICA DE HIDROCARBUROS S.A.	-	2,125,521
COMA Y RIBAS S.L.	-	105,701
COMERCIALIZADORA MEDITERRANEA CEMENTOS	-	8,250
DECAL ESPAÑA S.A.	-	1,426,607
DEMAGRISA	-	6,569
ENAGAS S.A.	-	4,648,365
ERGRANSA S.A.	-	1,354,073
ERSHIP S.A.	-	34,447
H.JOSE M. MASQUES S.A.	-	4,280
KOALAGAS S.A.	-	23,990
LOIRET AND HAENTJENS ESPAÑA, S.A.	-	22,019
MOYRESA MOLITURACION Y REFINO S.A.	-	62,631
PORTCEMEN S.A.	-	346,684
RECEPTORA DE LIQUIDOS	-	475,927
S.A. PARA LA DESCARGA DE ACEITES	-	175,074
TERMINALES PORTUARIAS S.A.	-	762,619
TERMINALES QUIMICOS S.A.		153,248
TRAFICO DE MERCANCIAS S.A.		60,803
REST	-	48
TOTAL	-	12,726,356

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	12
G.T.	44,107

5.17. Barges

Services	-
Number of hours.-	-

5.18. Dry dock

Number of vessels	21
G.T.	319,864



6 Construction works

This chapter includes the investments in construction works that were partially or completely executed in 2002 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	Refer. EPPE	Name of the works	Net Budget approved (Euros)	Certified in origin (Euros)	Certified during the year (Euros)	Location
Art. 1.2	7212OP012	MODIFICATION OF THE BUILDING PROJECT FOR THE SEAWALL WORKS AT THE OPENING OF THE NEW ENTRANCE MOUTH.	40,267,810.39	34,071,376.20	5,700,000.00	Underway.
Art. 1.2	7223OP032	MODIFICATION OF THE ROAD SURFACE ON THE PONENT WHARF INCLUDING TRANSTAINER ROLLING TRACK	560,672.18	0.00	560,672.18	Completed
Art. 1.2	7222OP005	MODIFICATION RAIL TERMINAL IN THE INFLAMMABLES AREA	1,814,513.15	601,012.10	1,213,501.05	Completed
Art. 1.2	7299VP001	VAT SUBSIDIES PAID BY THE APB	35,763,000.00	3,598,348.32	1,261,069.28	Underway.
Art 1.2	7223OP008	REMODELLING OF THE BOSCH I ALSINA WHARF PHASE 1	2,581,152.90	1,622,732.68	958,420.22	Completed
Art. 1.2	7223OP013	REMODELLING OF BOSCH I ALSINA WHARF PHASE 2	2,506,453.16	0.00	590,000.12	Underway.
Art. 1.2	7223OP007	ENLARGEMENT OF ADOSSAT WHARF- PHASE 1	7,088,363.00	601,012.10	2,487,000.00	Underway.
Art. 1.2	7214OP001	ENLARGEMENT ADOSSAT WHARF PHASE 2 EMBANKMENT WORKS	2,761,222.00	0.00	918,541.04	Underway.
Art. 1.2	7212PC001	ADDITIONAL PROJECT DEMOLITION OF PART OF THE JETTY OF THE DIC DE L'EST BREAKWATER	2,953,974.43	2,656,473.50	297,500.93	Completed
Art. 1.2	7222OP008	REMODELLING OF ACCESS TO THE BARCELONA WHARF	2,962,843.25	1,682,833.89	1,280,009.36	Completed
Art. 1.2	7223OC040	COMPLEMENTARY WORKS OF THE PROJECT FOR REINFORCING THE ROAD SURFACE ENLARGEMENT OF THE SUD WHARF	573,720.41	0.00	573,574.42	Underway.
Art. 1.2	7212OP004	BUILDING PROJECT FOR THE E6EXTENSION OF THE EST SEAWALL	165,088,468.77	6,611,133.15	0.00	Underway.
Art. 1.2	7212OP005	SUD SEAWALL STRETCHES I AND II	162,428,609.85	3,678,194.08	11,000,000.00	Underway.
Art. 1.2	7212OP001	COASTAL CORRECTIVE MEASURES PHASE 1	10,245,083.00	0.00	699,774.76	Underway.
Art. 1.2	7212OP013	COASTAL CORRECTIVE MEASURES PHASE 2	2,297,693.57	960,194.97	413,792.65	Completed

Application budgets	Refer. EPPE	Name of the works	Net Budget approved (Euros)	Certified in origin (Euros)	Certified during the year (Euros)	Location
Art. 1.2	7212OP003	COASTAL CORRECTIVE MEASURES PHASE 3-A	2,559,103.00	0.00	1,690,043.10	Underway.
Art. 1.2	7223OP005	REINFORCING THE SURFACE ON THE ENLARGEMENT OF THE SUD E15WHARF	3,503,468.11	0.00	3,503,065.96	Underway.
Art. 1.2	7223OP029	REINFORCING THE SURFACE OF THE E25PART OF THE RINGROAD STRETCH I	768,222.62	0.00	768,222.62	Completed
Art. 1.2	7222OP009	SOUTH ACCESS TO SECTOR 8 PHASE E21	742,332.47	0.00	742,332.47	Completed
Art. 1.2	7229OP009	CIVIL ENGINEERING AND FACILITIES OF THE NEW SANITARY NETWORK WITHIN THE SCOPE OF PORT 2000	2,276,408.19	0.00	2,200,000.05	Underway.
Art. 1.2	7229OP010	REMODELLING OF THE SEWERAGE OF THE PORT VELL. REMOTE CONTROL	168,269.84	0.00	60,000.00	Underway.
Art. 1.2	7222OP012	SOUTH ACCESS TO SECTOR 8. SERVICES Affected	300,594.00	0.00	266,907.79	Completed
Art. 1.2	7222OP013	SOUTH ACCESS TO SECTOR 8 PHASE 2	1,418,756.10	0.00	600,000.00	Underway.
Art. 1.2	7223OP035	REINFORCEMENT OF THE SURFACE ON THE PASSEIG D. GABRIEL ROCA (VAT not deductible)	559,880.70	240,404.84	319,475.86	Completed
Art. 1.2	7223OP039	SURFACING OF THE COSTA WHARF SOUTH SIDE	203,180.16	0.00	203,180.16	Completed
Art. 1.2	7223OP036	REINFORCING OF THE RING ROAD SURFACE STRETCHES 3, 4, 5 And 6	1,048,120.31	0.00	1,048,096.02	Underway.
Art. 1.2	7224OP003	ORNAMENTATION WORKS OF THE ACCESS TO THE BARCELONA WHARF (VAT not deductible)	1,160,000.00	0.00	168,432.00	Underway.
Art. 1.2	7224OP004	DEVELOPMENT OF THE AREA SURROUNDING THE HOTEL WTCB	757,750.15	0.00	757,750.15	Completed
Art. 1.2	7224OP005	ADDITIONAL LIGHTING OF THE ESPANYA WHARF (VAT not deductible)	296,652.84	0.00	34,621.06	Underway.
Art. 1.2	7223PP000	DRAFTING OF THE PROJECT FOR REMODELLING THE TERRACE AND PARKING AREA ON THE MOLL DE LA FUSTA (BOSCH I ALSINA PHASE 2)	435,809.66	0.00	435,809.66	Completed
Art. 1.2	7239OP022	DRAFTING OF THE BASIC PROJECT FOR THE CONSTRUCTION OF AN OFFICE BUILDING AT N° 3 ESCAR STREET	33,415.00	0.00	33,415.00	Completed

Application budgets	Refer. EPPE	Name of the works	Net Budget approved (Euros)	Certified in origin (Euros)	Certified during the year (Euros)	Location
Art. 1.2	7222PP000	DRAFTING OF THE PROJECT FOR RAISING THE AUTOTERMINAL ROAD LEVEL	68,000.00	0.00	68,000.00	Completed
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		Payment balances 838.354		2,837,898.52		
		Small-budget works		4,709,345.33		
		TOTAL		48,400,451.76		

6.2. Brief description of the most important works

1 MODIFIED NEW ENTRANCE MOUTH OF THE PORT

This work involves the construction of a seawall 1,500 m long running parallel to the current Breakwater and made up of an initial sloping stretch of 1000 m of concrete blocks up to 40 Tn supported in successive layers of rockpile and 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 MODIFIED REINFORCING ROAD SURFACE ON PONENT WHARF INCLUDING A ROLLING TRANSTAINER TRACK

The work consists of the reinforcing of the roadway over some 4,000 m² , through the repair of the existing one and the spreading of a granular foundation of artificial quarry ballast 0.50 m. thick topped with a concrete surface and fibres 0.35 m. thick.

This also includes a floating reinforced concrete beam 425 m. long and 1.60 m.x 0.60 m. wide, which will act as a rolling track for the transtainer (south rolling track).

3 RAIL TERMINAL ON THE INFLAMMABLES AREA'

This involves the construction of three concrete lines each 700 m long, including the necessary changes to be able to access them between each other, a road 5.70 m. wide along the lines and lighting for the area.

4 REMODELLING OF THE BOSCH I ALSINA WHARF PHASE 1

This involves the resurfacing of approximately 14,000 m² , which corresponds to half of the Bosch i Alsina Wharf, South side.

The resurfacing will involve cobbles made of a combination of asphalt and basaltic stone aggregate.

Two steps will be built next to the wharf, also made of basaltic stone, and resurfaced with tarmac. Likewise the roadway will be made 1 metre wider.

5 REMODELLING BOSCH I ALSINA WHARF PHASE 2

This involves the resurfacing of 14,000 m² . of the north side of the Bosch i Alsina Wharf.

The paving will be made by creating cobbles made of a combination of asphalt and basaltic stone aggregate.

Along the wharfside, the road will be resurfaced with a layer of asphalt aggregate and, finally, the circulation road will be widened by one metre and surfaced with a layer of aggregate to improve vehicle traffic.

6 ENLARGEMENT OF THE ADOSSAT WHARF PHASE 1

The works comprise the paving of a terrace of 119,000 m² using a roadway made up of a layer of 1m thick quarry ballast, 150 mm of artificial ballast, 250 mm of gravel-cement 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 corresponding surface boxes.

7 ENLARGEMENT ADOSAT WHARF PHASE 2 FILLING WORK

This involves the construction of a bank 320 m. long and 7 m. made of quarry ballast.

8 DEMOLITION OF PART OF THE JETTY OF THE DIC DE L'EST BREAKWATER

The project consists of the following works:

- Demolition of part of the jetty of the breakwater to build the new entrance mouth.
- Construction of a roundabout on the terrace of the future seawall
- Construction of the access ramp to the breakwater.

9 REMODELLING OF THE ACCESS TO THE BARCELONA WHARF

This consists in the reorganisation of the current roundabout on the city side the Barcelona wharf, to unify the urban image of the Plaça del Carbó square with the accesses to the World Trade Center and the rest of the Port, establishing a continuity of the area for pedestrians between the City and the Port

This involves the building of a semi-roundabout for access to the Barcelona Wharf with an area covering 18,000 m².

Also included in the project is the remodelling of the public terminal of Drassanes with the Barcelona Wharf and traffic light regulation of the whole city via the Plaça del Carbó.

10 COMPLEMENTARY WORKS OF THE PROJECT TO REINFORCE THE ROAD SURFACE ON THE ENLARGEMENT OF THE SUD WHARF

The works consist of reinforcing the surface over a stretch of 535 m. on the wharfside 30 m. wide. It includes the breaking up of the current pavement down to a depth of 35 cm., the construction of a surface made up of 10 cm. of H-100 concrete and 25 cm. of continuous HAS-30/20/P/3a concrete paving, reinforced lengthways with 20 cm diameter steel rods and crossways with 12 cm diameter rods.

The South corner of the wharfside where no unloading takes place will be made with 30 cm. of artificial ballast and 17 cm. of high-module asphalt aggregate.

11 ENLARGEMENT OF THE EST SEAWALL

The project consists of the construction of a vertical seawall 2,169 m long made up of 88 floating reinforced concrete caissons with dimensions of 25 x 35 x 20.6 m which are supported, subsequent to prior dredging of 5 m, in successive layers of rockpile of up to 5 tonnes at the trunk and the adjacent berms, with an emerging wall of reinforced concrete crowned at a height of +12.00.

12 ENLARGEMENT OF THE SUD SEAWALL STRETCHES 1 AND 2

The project consists of the construction of a seawall with a total length of 4,095 m, divided into two stretches:

Stretch I: 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 with variable crowning. It also involves the building of a 50 ha enclosure, using rockpiles of up to 6 tonnes, to dump material from the river Llobregat diversion works and the dredging of part of the future dock.

Stretch II: Vertical seawall approximately 2,095 m long made up of 58 floating caissons measuring 35.80 x 24.44 x 18 m supported, after prior dredging, on a banked stone rockpile of up to 4 tonnes and with an emerging wall of reinforced concrete crowned at + 11m.

13 COASTAL CORRECTIVE MEASURES PHASE 1

This consists of the extension of the low water bank on the right shore of the river Llobregat using a sloping breakwater emerging from the future mouth with a total length of 1,150 m made up of massed concrete blocks of up to 15 Tn resting on successive layers of rockpile.

14 COASTAL CORRECTIVE MEASURES PHASE 2

This consists of the creation of a new area of beaches of 11 Has, along 900 m of coastline between the lagoon of La Ricarda and the canals of La Bunyola and Sabogal, using 500,000 m³ of added sand. The sand comes mostly from the dredging of the area included between the current and future mouths of the Llobregat.

The beach is stabilised by the construction of a 290 m long groyne perpendicular to the coast made up of rockpile of up to 5 Tn.

15 COASTAL CORRECTIVE MEASURES PHASE 3 – A

This consists of the regeneration of the current coastline between the new mouth of the river Llobregat and the La Bunyola canal with a future coastline of approximately 1,100 m and a surface area of 32.8 Has.

This involves the extraction and subsequent dumping of 900,000 m³. of sand, from the enclosures being built at the Sud Seawall, Stretches 1 and 2.

16 REINFORCING OF THE ROAD SURFACE SUD WHARF ENLARGEMENT

This consists of the strengthening of 203,000 m² of the terrace corresponding to the extension of the Sud wharf, by spreading 17 cm of high module asphalt mix and modified BM-1-type tar, with the corresponding 6 cm thick ground ballast in the area between the crane tracks and the areas in line with the rest of the terrace.

17 RESURFACING OF PART OF THE RINGROAD STRETCH I:

The works consist of the creation of a road 15 m wide and 900 m. long.

The surface layer in question is made up of a variable layer of quarry ballast, 50 mm of artificial ballast in the enlargement area and 20 cm of asphalt aggregate made up of two layers 13 cm and 7 cm thick respectively.

The project also includes the construction of service piping comprising eight polyethylene tubes each 150 mm in diameter.

18 SOUTH ACCESS TO SECTOR 8 PHASE 1

The project is the first phase of the remodelling of the South access to sector 8, in which the plan is to improve the accesses to the Delta I terminals park through the construction of a large pergola able to channel the traffic, and a new access road to the area.

This initial phase covers the works necessary for diverting the current services channel (walls and invert of the channel that will be affected by the new road, as well as the manufacturing work necessary for the future and main access road to the Delta I Terminals Park.

19 CIVIL ENGINEERING WORKS AND INSTALLATIONS OF THE NEW SEWERAGE NETWORK WITHIN THE SCOPE OF PORT2000

The work consists of the building of the new sewerage network within the Port Vell, which includes the connection of the Barcelona wharf to sector 3 using the 700 l.m. 400 diameter gravity network, the connection of the Espanya wharf using the 1,600 l.m. 100 diameter vacuum network up to the vacuum centre located on the Pescadors wharf and pumping to the intercepting sewer of the Passeig Marítim using 1,078 l.m. of 400 diameter tubes.

20 REMODELLING PORT VELL SEWERAGE. 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.

21 SOUTH ACCESS TO SECTOR 8. SERVICES AFFECTED

The project involves the diversion of the affected services within the stretch of channel that will be decommissioned once phase 1 of the South Access to Sector 8 project has been built, which is necessary as a step prior to the execution of the following phase 2.

22 SOUTH ACCESS TO SECTOR 8 PHASE 2

The project comprises 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 using the construction of a roundabout able to channel the traffic generated by the area, including a new access road.

This second phase envisages the works necessary to execute the construction of the roundabout and the new access road to the Delta I concession.

23 RESURFACING ON THE PASSEIG D. GABRIEL ROCA

This consists of reinforcing the base of the road along 780 l.m. using 30 cm of artificial quarry ballast and 10 cm of aggregate. In addition, a rolling layer of 6 cm of aggregate, as well as a pavement for pedestrians of 1,820 m.

24 PAVING COSTA WHARF, SOUTH STRIP

The works consist of reinforcing the existing pavement of 15,000 m² of terrace using two layers of asphalt aggregate, having previously repaired the damaged surface and the adaptation of the existing services.

25 REINFORCING OF THE SURFACE OF THE RINGROAD STRETCHES III, IV, V And VI

Reinforcing of the road surface in terrace F-8 with noise reduction characteristics 3 cm thick, levelling of the manholes, and a roundabout 46 m in diameter at the access to TERCAT.

26 ORNAMENTATION WORKS OF THE BARCELONA WHARF ACCESS □

This project involves setting up a relevant sculpture in the environs of the World Trade Center of the Port of Barcelona and the appropriate ornamentation of the surroundings.

27 URBAN DEVELOPMENT AROUND THE HOTEL WTCB

This involves the development of 4,300 m², paving with natural stone, urban furnishings and lighting.

28 ADDITIONAL LIGHTING ON THE ESPANYA WHARF

This involves the construction, enlargement and improvement of the public lighting network, in order to add to the existing system by improving the level of lighting on the wharfside, the Passeig d'Itaca, the access road and the landscaped area of the Mirador del Port Vell. It also includes the lamp posts, projectors, controls and all the additional electrical equipment.

29

DRAFTING OF THE PROJECT FOR REMODELLING THE TERRACE AND PARKING AREA ON THE MOLL DE LA FUSTA

The project comprises several actions among which are the development of the upper part of the terrace, the remodelling of the existing parking area and the construction of new service areas.

30

DRAFTING OF THE BASIC PROJECT FOR THE CONSTRUCTION OF AN OFFICE BUILDING AT N° 3 ESCAR STREET

This involves the construction of a five-storey office building in the area occupied by the current building identified as n° 22 of the Special Plan of the Port Vell, known as the former social centre of the Escar and situated at n° 3 Escar Street. It includes the civil engineering works, installations and all the complementary services.

31 DRAFTING OF THE PROJECT FOR RAISING THE AUTOTERMINAL ROAD LEVEL

The solution proposed consists of creating a raised passage with a development of approximately 380 metres, as follows: the first 130 metres are made up of a road between walls, the middle 100 metres using a light viaduct 25 metres between pillars and the last 150 metres once again a road between walls.

The cross-section is 16 metres (four lanes of 3.5 metres with 1 metre verge). The highest point of the new road level will be approximately 10 metres above the current wharf level with a minimum clearance height of 5.3 metres.