

Memòria anual

2000

Català
Castellano
English
Français



Port de Barcelona

Autoritat Portuària de Barcelona



'97 '98 '99



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 2000 and 1999.

The 2000 data is pending auditor's report.

Furthermore, a chapter on the 2000 economic-financial report will be found at the Annual report.

Financial statements

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	
	2000	1999		2000	1999
FIXED ASSETS	661,021	628,992	EQUITY	574,631	552,721
Intangible	2,245	1,251	Net worth	512,743	512,743
Tangible	609,851	573,592	Fixed assets paid-up to general use	-26,727	-26,341
Financial	40,531	48,701	Reserves	66,318	54,226
Long-terms trade debtors	8,394	5,448	Profit	22,297	12,093
DEFERRED EXPENSE	11,682	11,907	DEFERRED INCOME	53,266	39,769
			PROVISIONS FOR LIABILITIES AND EXPENSES	13,614	17,968
			LONG-TERM CREDITORS	45,202	30,306
			Debts with credit institutions	39,626	24,040
			Debt with group and associated companies	4,808	4,808
			Creditors for long-term commercial trade	768	1,458
CURRENT ASSETS	41,514	38,244	SHORT-TERM CREDITORS	27,504	38,379
Inventories	320	395	Debts with credit institution	2,602	2,511
Accounts receivable	34,454	25,318	Debt with group and associated companies	2,502	5,883
Short-term investments	5,798	7,723	Trade creditors	4,564	4,120
Cash and Banks	786	4,636	Other non-trade creditors	17,833	25,858
Deferred income and accruals	156	172	Deferred income and accruals	3	7
TOTAL ASSETS	714,217	679,143	TOTAL LIABILITIES	714,217	679,143

(Pending auditor's report)

1.2. Profit and Loss Statement

Thousand of euros			Thousand of euros		
DEBIT	2000	1999	CREDIT	2000	1999
EXPENSES:	INCOME				
Personnel costs	23,414	21,768	Port services	61,979	59,466
Provision for depreciation of fixed assets	17,316	16,281	Leases and authorisations	21,351	19,053
Change in trade provisions	-50	12	Other operating income	1,671	1,761
Other operating expenses					
	17,440	16,379			
	581	574			
	964	878			
Total operating expenses:	59,665	55,892	Total operating income	85,001	80,280
OPERATING PROFIT	25,336	24,388			
Assimilated and financial expenses	1,407	663	Income from capital share	96	192
			Income from other negotiable instruments		
			and credits from fixed assets	218	203
			Other assimilated and financial income	166	484
Total financial expenses	1,407	663	Total financial income	480	879
POSITIVE FINANCIAL RESULTS	0	216	NEGATIVE FINANCIAL RESULTS	927	0
PROFIT FROM ORDINARY ACTIVITIES	24,409	24,604			
Change in provisions for tangible and intangible fixed assets and control portfolio	1,227	3,112	Profits on disposal of tangible intangible fixed assets and control portfolio	4,250	1,774
Losses from fixed assets	1,593	1,895	Capital grant transferred to results	423	249
Extraordinary expenses	637	4,050	Extraordinary income	407	247
Expenses and losses from previous fiscal years	471	2,853	Income and profit from previous fiscal years	138	212
Total extraordinary expenses	3,928	11,910	Total extraordinary income	5,218	2,482
EXTRAORDINARY POSITIVE RESULTS	1,290	0	EXTRAORDINARY NEGATIVE RESULTS	0	9,428
PROFIT FROM OPERATIONS	25,699	15,176			
Interport fund contribution	6,984	5,944	Interport fund receivable	3,582	2,861
PROFIT AFTER INTERPORT FUND CONTRIBUTION	22,297	12,093			

Pending the Auditors's report

1.3. Source and application funds statement

APPLICATIONS OF FUNDS	Thousand of Euros		ORIGINS OF FUNDS	Thousand of Euros	
	2000	1999		2000	1999
Fixed assets purchased	65,727	82,141	Resource proceeding from operations	40,994	38,659
Intangible	1,356	614	Period results	25,699	15,176
Tangible	56,566	72,744	Provision for depreciation of fixed assets	17,316	16,281
Financial	7,805	8,783	Addition to reserves of fixed assets	1,227	3,112
			Depreciation of deferred expenses	225	94
Interport fund contribution	6,984	5,944	Reserves for liabilities and expenses	1,305	5,550
			Losses from fixed assets	1,593	1,894
Long-term financial to short-term financial debts transferred	2,404	3,247	Miscellaneous	0	233
Debts with credit institutions	2,404	2,404	Excess of provisions for liabilities and expenses	-828	-1,272
Others	0	843	Profits accruing from fixed assets	-4,250	-1,773
			Capital subsidies transferred to results	-423	-249
Provisions for liabilities and expenses	4,832	750	Deferred income transferred to results from reverted leases	-344	-168
			Other income deferred	-526	-219
Long-term trade debts	3,635	2,187			
			Deferred income	14,813	30,601
			Capital grants	8,098	14,816
			Other income deferred	6,715	15,785
			Interport fund receivable	3,582	2,861
			Long-term debts	17,990	13,119
			With credit institutions	17,990	6,010
			With group and associated companies	0	4,808
			Trade creditors	0	2,301
			Disposal of fixed assets	7,511	1,778
			Tangible	1,402	2
			Financial	6,109	1,776

APPLICATIONS OF FUNDS	Thousand of Euros		ORIGINS OF FUNDS	Thousand of Euros	
	2000	1999		2000	1999
			Short-term financial debts transferred	12,837	437
TOTAL APPLICATIONS	83,582	94,269	TOTAL SOURCES	97,727	87,455
EXCESS OF SOURCES OVER APPLICATIONS	14,145		EXCESS OF APPLICATIONS OVER SOURCES		6,814

VARIATION IN WORKING CAPITAL	2000		1999	
	Increases	Decreases	Increases	Decreases
Inventories		75	-	46
Accounts receivable	9,136		9,458	-
Creditors	10,871		-	11,147
Short-term investments		1,925	-	8,498
Cash and banks		3,850	3,301	-
Deferred income and accruals		12	118	-
TOTAL	20,007	5,862	12,877	19,691
VARIATION IN WORKING CAPITAL	14,145		-	6,814
<i>(Pending auditor's report)</i>				



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 799.5 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.

Technical characteristics of the Port

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2.5.5.1. Refrigerated warehouses

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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
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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.

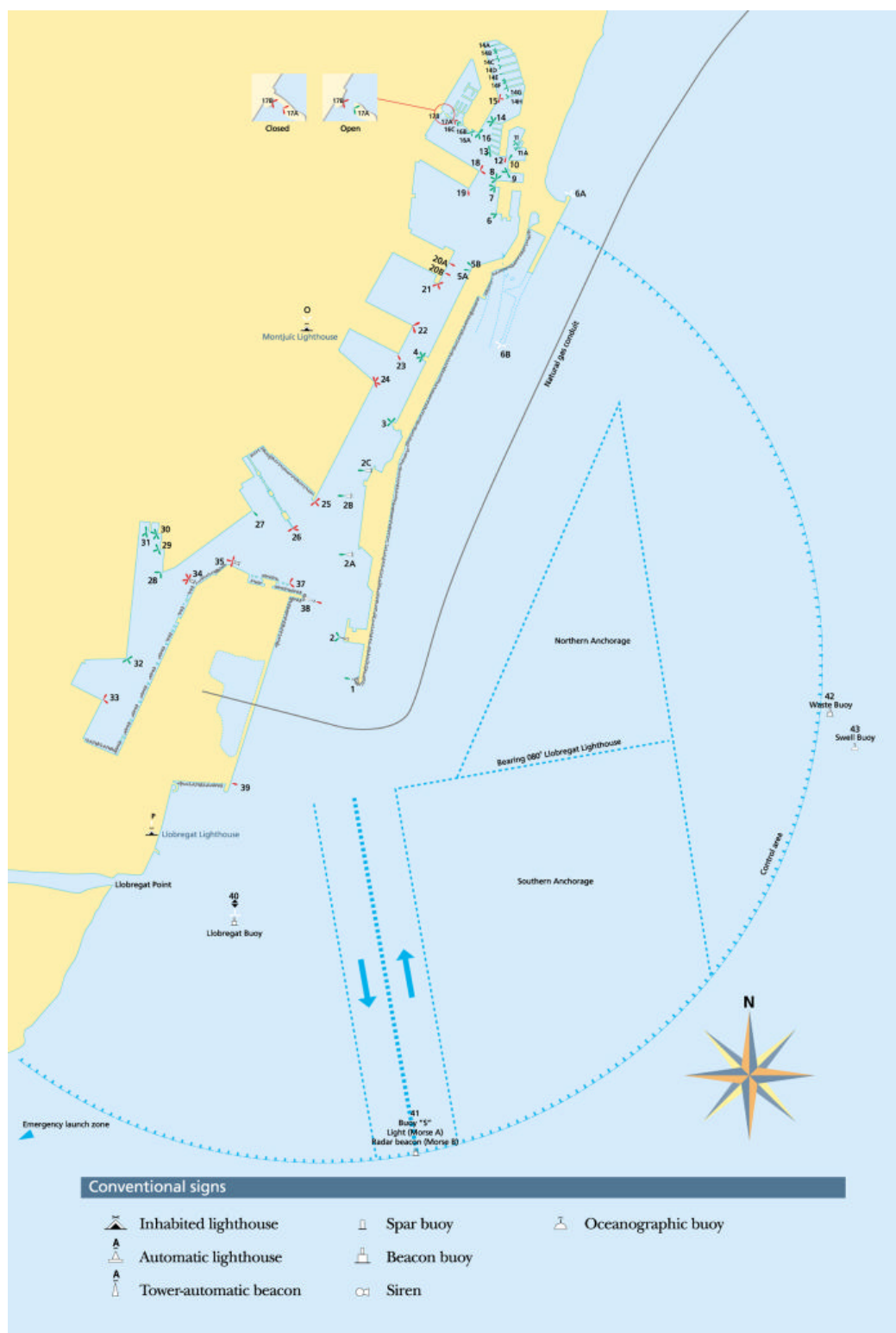
Location, Dimensions and Characteristics

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 chanel and anchorage areas



2.1.5.2. Entrance mouth

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

2.1.5.3. Use of tugs in vessel entry and exit

2.1.5.4. Largest vessel entered in last five years

	Greatest length	Greatest draught
Name	Norway	Sibotessa
Nationality	Bahamas	Norwegian
GT	76,049	41,189
DWT	13,960	74,918
Length	315.15	229
Type	Passenger vessel	Bulk-carrier
Incoming or outgoing real draught	10.49	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	1,273.93	1,425.87

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	36,405	124,939		20,150			46,068		1,924	229,486
Wharf 01 Adossat				40,400	44,352		29,328	1,015	26,781	141,876
Wharf 02 Llevant	7,701			3,450	6,624		32,296		583	50,654
Wharf 03 Dic Flotant										0
Wharf 05 Occidental	14,527				31,181		14,344		100	60,152
SECTOR 2										
Wharf 06 Catalunya					19,296					19,296
Wharf 08 Nou					42,690		14,456	46,770		103,916
Wharf 10 Pescadors				10,268	2,090		2,756		17,682	32,796
Wharf 11 Balears							2,380	59,354		61,734
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	5,405		10,773
Wharf 18 Barcelona					30,831		4,798	66,012	6,162	107,803
SECTOR 3										
Wharf 19 Sant Bertran										8,992
Wharf 20 Ponent				58,756	117,068	414	45,657	4,843	25,743	252,481
Wharf 21 Costa										39,670
Wharf 22 Contradic				19,848	50,727	18,336	29,119		13,941	131,971
SECTOR 4										
Wharf 23 Oest				5,952	29,840	3,334	14,358		8,624	62,108
Wharf 24 Sud	13,703			72,463	595,909	50,784	36,045		5,140	774,044
Wharf 25 Pantalà										3,143
SECTOR 5										
Wharf 26 Álvarez de la Campa				53,672	223,111	7,206	55,757		215,637	555,383
TIR										0
Wharf 27 Lepant										0
Wharf 28 Evaristo Fernández										0
SECTOR 6										
				88,957	491,152	9,047	75,125		159,523	823,804

Sector	Free-standing area	Rip-rap	Filling area	Operative area	Concession area	Railway area	Road area	Public area	Rest areas APB	Total
Wharf 29 Príncep d'Espanya										
TRAM VI										
Wharf 30 Dàrsena Sud										
SECTOR 7										
Sud Zone					272,833	17,608	55,877		35,452	381,770
SECTOR 8										
Wharf 32 Inflamables		67,815	289,700	59,814	579,218	12,260	136,118		414,669	1,559,594
ZAL 1									665,000	665,000
ZAL 2										1,667,000
TOTAL PORT		140,151	414,639	413,580	2,621,577	118,989	606,042	361,669	934,386	7,994,838

2.1.8. Breakwaters (m)

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

2.2.1. General map of ligths 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 on grey building, white dome.	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 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 times]=15	12
31300 E	ILLES MEDES LIGHTHOUSE Illa Meda Gran.	Cylindrical tower on white house.	White	Group of 4 flashes every 24 seconds. (1+3) 3 times+1+11 = 24.	14
31250 F	SANT 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 band	White	Groups of 2 flashes every 7 seconds. 0.5+1.5+0.5+4.5 = 7.	5
31041 I	PALAMÓS LIGHTHOUSE Punta del Molí.	White cylindrical tower.	White	Eclipse groups of (1+4) flashes every 18 seconds. (1.4+1) 3 times +4.4+1+4.4+1 = 18.	14
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 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	White	Two flashes every 15 seconds. 0,3+3,4+0,3+11 = 15.	26
29630 P	RIVER LLOBREGAT LIGHTHOUSE At the mouth of the river.	Tower on cylindrical building	White	One flash every 5 seconds. 1+4 = 5.	23

No. in Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
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
2A	WHARF 01 ADOSSAT Enlarging Adossat (South)	Green metal post	Green	One flash every 5 seconds. 0.5+4.5 = 5.	1
2B	WHARF 01 ADOSSAT Enlarging Adossat (West)	Green metal post	Green	One flash every 5 seconds. 0.5+4.5 = 5.	1
2C	WHARF 01 ADOSSAT Enlarging Adossat (North).	Green metal post	Green	One flash every 5 seconds. 0.5+4.5 = 5.	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
30150 5A	WHARF 02 LLEVANT Beacons bridge works	Metal post, painted green.	Green	One flash every 5 seconds. 0.5+4.5 = 5.	1
30150 5B	WHARF 02 LLEVANT Beacons bridge works	Metal post, painted green.	Green	One flash every 5 seconds. 0.5+4.5 = 5.	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
6A	NEW HARBOUR MOUTH N end (works)	Metal post, painted black, with a yellow band in the centre. Marca de limit: 2 cons superposats per la base cardinal est	White	Three flashes every 10 seconds.	3
6B	NEW HARBOUR MOUTH S end (works).	Metal post, painted black, with a yellow band in the centre. Marca de limit: 2 cons superposats per la base cardinal est	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

No. in Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30210 8	WHARF 06 CATALUNYA Northern corner.	Metal post, painted green, on a pyramidal base.	Green	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times+ 0.5+4.5 = 11.	2
30376 9	WHARF 08 NOU Southern corner.	Metal post, painted green-red-green, on a pyramidal base.	Green	Groups of 2+1 flashes every 21 seconds. 0.5+1.5+0.5+4.5+0.5+13.5=21.	2
30374 10	WHARF 08 NOU Northern corner.	Metal post, painted green, on a pyramidal base.	Green	Isolated flashes every 5 seconds. 1+4 = 5.	2
11	LA INDÚSTRIA BASIN (Extrem Guafe)	Green metal post	Green	Groups of 2+1 flashes every 15 seconds. 0.5+0.5 =1	1
11A	LA INDÚSTRIA BASIN (Sincrolift works)	Red and green metal post	Green	Countinous flashes every second. 0.5+1.5+0.5+6+0.5+6 = 15	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 13	WHARF 11 BALEARS End of North Jetty.	Metal post, painted green, on a pyramidal base.	Green	Groups of 4 flashes every 11 seconds. (0.5+1.5) 3 times +0.5+4.5 =11.	2
30332 14A	WHARF 13 MARINA PORT VELL S. Jetty 8.	Green post.	Green	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
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+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

No. in Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
30330 15	WHARF 15 ESPANYA Northern corner.	Metal post, painted red, on a pyramidal base.	Red	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$.	2
30310 16	WHARF 15 ESPANYA SE Corner.	Metal post, painted green-red-green, on a pyramidal base.	Green	Groups of 1+2 flashes every 21 seconds. $0.5+4.5+0.5+1.5+0.5+13.5 = 21$.	2
30250 16A	WHARF 15 ESPANYA Rambla del Mar East.	Metal post, painted green.	Green	Groups of 3 flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$.	1
30252 16B	WHARF 15 ESPANYA SE Rambla del Mar East central.	Inclined metal post, painted green.	Green	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$.	1
30254 16C	WHARF 15 ESPANYA SE Rambla de Mar West central.	Inclined metal post, painted red.	Red	Groups of 2 flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$.	1
30256 17A	WHARF 16 BOSCH I ALSINA Rambla de Mar East.	Metal post painted red	Red/Green	Groups of 2 red or green flashes every 7 seconds. $0.5+1.5+0.5+4.5 = 7$.	1
30256 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
20A	WHARF 20 PONENT Bridge works	Metal post, painted red.	Red	One flash every 5 seconds. $0.5+4.5 = 5$.	1
20B	WHARF 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
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

No. in Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
29980 26	WHARF 25 PANTALÀ At the head of the wharf.	Small metal pyramidal tower, painted with three bands (red-green-red).	Red	Groups of 2 flashes plus 1 every 21 seconds. $0.5+4.5+0.5+1.5+0.5+13.5 = 21$.	2
29960 27	WHARF 26 ALVAREZ DE LA CAMPA NE end.	Metal post, painted green, on a pyramidal base.	Green	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'ESPANYA Southern end.	Metal post, painted green, on a pyramidal base.	Green	Group of three flashes every 9 seconds. $0.5+1.5+0.5+1.5+0.5+4.5 = 9$.	2
29890 33	WHARF 30 DÀRSENA 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
29840 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 Beacon at head of jetty.	Cylindrical brick building, painted red, with a white band at the base.	Red	One flash every 5 seconds. $0.5+4.5 = 5$.	5
29710 39	South end of the inflammables wharf's filling	Post painted red	Red	Continuous flashes every 1 second. $0.5+0.5 = 1$.	2
29670 40	RIVER LLOBREGAT BUOY Indicating the shallows at the mouth of the river.	Cylindrical pillar buoy with radar reflector (marks the East quadrant cardinal), painted black with a horizontal yellow band in the centre.	White	Group of three flashes every 10 seconds. $0.3+0.7+0.3+0.7+0.3+7.7 = 10$.	3

No. in Lighthouse book and on map	Name and position	Description	Colour of light	Characteristics	Range in miles
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
New 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
NEW 43	SWELL GAUGE BUOY	Spherical yellow buoy, 0,8r	Yellow	Isolated flashes. 0.3+2.2 = 2.5.	0,8

2.3. Wharves and berths

2.3.1. Classification by basin

2.3.1.1. Service

Names	Lenght (m)	Draught (m)	Width (m)	Uses
COMMERCIAL BASINS				
Wharf 01C Adossat	45	7	25.0	Ro-ro vessels
Wharf 01D Adossat Mod. 28-ramp	24	9.50	26.0	Ro-ro vessels
Wharf 01D Adossat Mod. 17-28	588	12.00	75.5	General cargo
Wharf 01D Adossat Mod. 17-ramp	21	12.00	31.0	Ro-ro vessels
Wharf 01E Adossat Mod. 16-ramp	21	11.80	31.0	Ro-ro vessels
Wharf 01E Adossat Mod. 1-16	765	11.80	75.5	Passengers
Wharf 02A Llevant	258	11.20	60.0	Passengers
Wharf 15B Espanya (East)	235	8.60	12.0	Passengers and representative vessels
Wharf 17A Drassanes	100	7.00	23.0	Passengers/Ro-ro
Wharf 17B Drassanes (ramp)	29	7.00	15.6	Passengers/Ro-ro
Wharf 18A Barcelona (North) (W ramp)	24	8.00	15.6	Passengers/Ro-ro
Wharf 18A Barcelona (North)	481	8.00	80.0	Passengers/Ro-ro
Wharf 18B Barcelona (East)	160	9.50	40.0	Passengers
Wharf 18C Barcelona (South)	430	9.00	80.0	Passengers/Ro-ro
Wharf 18C Barcelona (South) (W ramp)	25	9.00	25.0	Passengers/Ro-ro
Wharf 19 Sant Bertran (N ramp)	25	11.00	0.0	Ro-ro vessels
Wharf 19 Sant Bertran	529	11.00	83.0	General cargo
Wharf 19 Sant Bertran (S ramp)	22	11.00	0.0	Ro-ro vessels
Wharf 20A Ponent (North) (W ramp)	23	7.80	0.0	Ro-ro vessels
Wharf 20A Ponent (North) (Section 1)	297	7.80	45.0	General cargo (Lo-lo and Ro-ro vessels)
Wharf 20A Ponent (North) (E ramp)	31	7.80	45.0	Ro-ro vessels
Wharf 20B Ponent (North) (Section 2)	90	7.80	29.0	General cargo
Wharf 20C Ponent (East)	230	9.50	33.0	General cargo
Wharf 20D Ponent (South)	434	11.20	62.0	General cargo

Names	Lenght (m)	Draught (m)	Width (m)	Uses
Wharf 20D Ponent (South)	30	11.20	16.0	Ro-ro vessels
Wharf 21 Costa	452	11.20	66.0	General cargo, liquid bulk and ro-ro
Wharf 22A Contradic (North)	419	9.50	85.0	Liquid and solid bulk for special facilities
Wharf 22B Contradic (East)	241	10.80	13.0	Solid bulk for special facilities
Wharf 22C Contradic (South)	419	12.00	160.0	Bulk products, General cargo and Ro-ro
Wharf 23A East	200	12.00	77.0	Solid bulks
Wharf 24B Sud (northern part)	350	12.00	220.0	Containers
Wharf 24B Sud (eastern part) Mod. 1-10	450	14.00	100.0	Containers
Wharf 24B Sud (eastern part) Mod.10-20	562	16.00	100.0	Containers
Wharf 26A Àlvarez de la Campa (ramp)	30	12.00	0.0	Ro-ro vessels
Wharf 26B Àlvarez de la Campa (section 1)	150	12.00	0.0	Containers
Wharf 26B Àlvarez de la Campa (section 2)	250	12.00	0.0	Solid bulk for special facilities
Wharf 26B Àlvarez de la Campa (section 3)	150	8.50	0.0	Containers
Wharf 26B Àlvarez de la Campa (section 4)	80	8.50	0.0	Cement for special facilities
Wharf 26B Àlvarez de la Campa (section 5)	150	6.50	0.0	Containers
Wharf 26C Àlvarez de la Campa	90	6.50	0.0	Containers
Wharf 27A Lepant (berth number 1)	80	7.00	42.0	Ro-ro vessels
Wharf 27B Lepant (berth number 2)	124	7.80	25.0	Ro-ro vessels
Wharf 27C Lepant (berth number 3)	170	11.00	15.0	Ro-ro vessels
Wharf 28A Evaristo Fernández	152	7.00	65.0	Ro-ro vessels
Wharf 29A Príncep d'Espanya	123	8.00	45.0	Containers
Wharf 29A Príncep d'Espanya	965	14.00	150/500.0	Containers
Wharf 30A Dàrsena Sud	278	12.00	150.0	General cargo
Wharf 30B Dàrsena Sud	209	12.00	190.0	Ro-ro vessels (automobiles)
Wharf 30B Dàrsena Sud (N ramp)	25	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 30C Dàrsena Sud	332	12.00	50/100.0	Ro-ro vessels (automobiles)
Wharf 30C Dàrsena Sud (W ramp)	20	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 31A Dàrsena Interior	286	12.00	0.0	Ro-ro vessels (automobiles)
Wharf 31B Dàrsena Interior	96	7.00	0.0	Ro-ro vessels (automobiles)
Wharf 32 Inflamables (7 berths)	1,190	12.00	0.0	Liquefied gases and liquids
TOTAL	12,958			
FISHING BASINS				
Wharf 11A Balears	218	8.00	10.0	Fishing
Wharf 11B Balears	61	8.00	21.0	Fishing
Wharf 11C Balears	261	9.60	50.0	Fishing
Wharf 11B Pescadors	69	8.00	35.0	Fishing
TOTAL	608			
OTHER BASINS				
Wharf 01B Adossat	252	4.00	0.0	Auxiliary vessels
Landing stage (Breakwater)	30	6.00	0.0	Landing stage (local traffic)
Wharf 01C Adossat Mod. 17 (Ramp heads)	31	12.00	21.1	Auxiliary vessels

Names	Lenght (m)	Draught (m)	Width (m)	Uses
Wharf 02B de Llevant (2nd alignment)	204	8.00	60.0	Towboats
Wharf 02C de Llevant (1st alignment)	156	8.00	45.0	Towboats
Wharf 03 Dic Flotant	210	6.00	0.0	repairs and workshops
Wharf 05A Occidental (Head)	59	9.00	10.0	repairs and workshops
Wharf 05B Occidental (West)	210	9.00	19.5	Floating repairs
Wharf 06A Catalunya Sud	35	8.00	5.5	Repairs and outfitting
Wharf 06B Catalunya (head)	50	8.00	18.0	Repairs and outfitting
Wharf 06C Catalunya Nord	214	8.00	26.0	Repairs and outfitting
Wharf 08 Nou 'A'	230	8.00	42.0	Pleasure craft
Wharf 08 Nou 'B'	66	8.00	42.0	Repairs and outfitting
Wharf 10C Pescadors (North)	140	8.00	35.0	Fishing
Wharf 12 Relotge	218	8.00	65.0	Pleasure craft
Wharf 13 Marina Port Vell	290	8.00	52.0	Pleasure craft
Wharf 14 Dipòsit (2nd alignment)	140	8.00	61.0	Pleasure craft
Wharf 14 Dipòsit (1st alignment)	108	8.00	40.0	Pleasure craft
Wharf 15A Espanya NE	437	8.30	34.0	Port Vell
Wharf 15B Espanya East	184	8.60	38.0	Port Vell
Wharf 15A Espanya South	123	7.60	36.0	Port Vell
Wharf 15A Espanya (southern corner)	53	7.60	0.0	Port Vell
Wharf 15A Espanya West-2	284	7.60	45.0	Pleasure craft
Wharf 15A Espanya West-1	242	7.60	19.0	Pleasure craft
Wharf 16 Bosch i Alsina	507	6.60	55.0	Non-commercial vessels, fueling vessels
Wharf 17A Drassanes	97	7.00	0.0	Local traffic
TOTAL	4,568			
TOTAL SERVICE BASINS	18,134			

2.3.1.2. Private

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

Names	Length (m)	Draught (m)	Width (m)	Uses
Wharf 07B Marina '92	104	8	-	Vessel repairs
Wharf 07A Marina '92	126	8	52	Vessel repairs
TOTAL	356			
TOTAL PRIVATE BASINS	2,334			

2.3.2. Classification by use and draught

Uses	Linear metres with draught 'D'						Total (m)
	D>=12m	12m>D<=10m	10m>D>=8m	8m>D>=6m	6m>D>=4m	D<4m	
SERVICE							
Commercial wharves							
Conventional cargo	866	1,415	230	387	-	-	2,898
Containers	2,477	-	273	240	-	-	2,990
Ro-ro berths	924	292	-	550	-	-	1,766
Solid bulk, no special facilities	419	-	-	-	-	-	419
Solid bulk, special facilities	450	241	419	80	-	-	1,190
Liquid bulk	1,190	-	-	-	-	-	1,190
Passengers	-	1,638	740	129	-	-	2,507
Other wharves							
Fishing	-	-	608		-	-	608
Outfitting, repairs and shipbreaking	-	-	269	575	-	-	844
Miscellaneous	31	-	2,107	1,335	252	-	3,725
TOTAL SERVICE	6,357	3,586	4,646	3,295	252	-	18,135
PRIVATE							
Commercial wharves							
Conventional cargo	-	-	-	-	-	-	-
Containers	-	-	-	-	-	-	-
Ro-ro berths	-	-	-	-	-	-	-
Solid bulk, no special facilities	-	-	-	-	-	-	-
Solid bulk, special facilities	250	270	-	-	-	-	520
Liquid bulk	258	900	300	-	-	-	1,458
Passengers	-	-	-	-	-	-	-
Other wharves							
Fishing	-	-	-	-	-	-	-
Outfitting, repairs and shipbreaking	-	-	356	-	-	-	356
Miscellaneous	-	-	-	-	-	-	-
TOTAL PRIVATE	508	1,170	656	-	-	-	2,334
TOTAL SERVICE AND PRIVATE	6,865	4,756	5,301	-	-	-	20,468

2.4. Storage facilities

2.4.1. Storage facilities

Wharf	Designation	Uncovered (m2)	Covered and open		Closed			Total area (m2)
			Area (m2)	Height (m)	Ground- floor area (m2)	Height (m2)	No. of floors	
SERVICE								
Wharf 01 Adossat	Hangar T-1	-	-	-	3,264	6	1	3,264
Id.	Yard Hangar T-1	1,696	-	-	-	-	-	1,696
Id.	Hangar T-2	-	-	-	3,360	6	1	3,360
Id.	Hangar T-2 shed	-	797	6	-	-	-	797
Id.	Yard Hangar T-2	1,332	-	-	-	-	-	1,332
Id.	North yard	5,568	-	-	-	-	-	5,568
Id.	Central yard	14,459	-	-	-	-	-	14,459
Id.	E.M.C.				3,024	8	1	3,024
Id.	Hangar TD	-	-	-	1,200	6	1	1,200
Id.	Central storage yard	4,998	-	-	-	-	-	4,998
Id.	Hangar T-3	-	-	-	4,000	8	1	4,000
Id.	Hangar T-4	-	-	-	10,100	8	1	10,100
Id.	South Yard	9,800	-	-	-	-	-	9,800
Id.	South storage yard	5,450	-	-	-	-	-	5,450
Wharf 02 Llevant	Yard	705	-	-	-	-	-	705
Id.	Shoulder yard	1,488	-	-	-	-	-	1,488
Wharf 18 Barcelona	Hangar T-8	-	-	-	1,680	6	1	1,680
Wharf 19 Sant Bertran	Hangar T-2	-	-	-	3,840	6	1	3,840
Id.	Hangar T-3	-	-	-	8,640	7	1	8,640
Id.	Yard	17,500	-	-	-	-	-	17,500
Wharf 20 Ponent	Hangar T-4	-	-	-	8,954	7	1	8,954
Id.	Hangar T-5	-	-	-	10,769	7	1	10,769
Id.	Yard	16,823	-	-	-	-	-	16,823
Id.	Storage yard	17,284	-	-	-	-	-	17,284
Wharf 21 Costa	Shed	-	1,176	8	-	-	-	1,176
Id.	Depot		-	-	4,500	8	1	4,500
Id.	Yard	14,000	-	-	-	-	-	14,000
Wharf 22 Contradic.	Yard	13,325	-	-	-	-	-	13,325
Id.	Storage yard	8,222	-	-	-	-	-	8,222
Wharf 23 Oest	Yard	11,400	-	-	-	-	-	11,400
Wharf 24 Sud	Bulk yard	64,400	-	-	-	-	-	64,400
Id.	Bulk yard	20,000						20,000
Id.	Storage-1 yard	67,392	-	-	-	-	-	67,392
Id.	Hangar T-1	-	-	-	7,200	8	1	7,200
Id.	Hangar T-2	-	-	-	7,200	8	1	7,200
Id.	Storage-2 yard	21,918	-	-	-	-	-	21,918
Id.	Storage-3 yard	81,730	-	-	-	-	-	81,730

Wharf	Designation	Uncovered (m2)	Covered and open		Ground- floor area (m2)	Closed		Total area (m2)
			Area (m2)	Height (m)		Height (m2)	No. of floors	
Wharf 26 Álvarez de la Campa	North yard	72,734	-	-	-	-	-	72,734
Id.	Depot	-	-	-	5,704	-	-	5,704
Id.	South yard	28,000	-	-	-	-	-	28,000
Id.	Storage yard	3,976	-	-	-	-	-	3,976
Wharf 27 Lepant	Depot	-	-	-	4,800	7	1	4,800
Id.	Yard	15,785	-	-	-	-	-	15,785
Id.	TIR sheds	-	1,600	8	-	-	-	1,600
Id.	South yard	95,902	-	-	-	-	-	95,902
Id.	Storage yard	37,891	-	-	-	-	-	37,891
Wharf 28 Evaristo Fernández	Yard	12,000	-	-	-	-	-	12,000
Id.	Depot	-	-	-	1,500	-	2	2,100
Wharf 29 Príncep d'Espanya	Sector A depot	-	-	-	3,750	8	1	3,750
Id.	Yard	288,511	-	-	-	-	-	288,511
Id.	Hangar T-2	-	-	-	10,800	8	1	10,800
Wharf 30 Dàrsena Sud	Yard	37,357	-	-	-	-	-	37,357
Id.	Depot	-	-	-	10,800	8	1	10,800
Id.	Yard (automobiles)	135,162	-	-	-	-	-	135,162
Wharf 32 Inflamables	Yard (tanks)	480,676	-	-	-	-	-	480,676
	Yard (enlargement)	198,000	-	-	-	-	-	198,000
Zona Sud	Yard (automobiles)	212,754	-	-	-	-	-	212,754
Zona Llobregat (ZAL)	Yard	263,979	-	-	-	-	-	263,979
TOTAL SERVICE		2,282,217	3,573		115,085			2,401,475
PRIVATE								
Wharf 23 Oest	Moyresa storage	-	-	-	3,620	8	1	3,620
Wharf 22 Contradic Est	Ergransa storage	-	-	-	5,334	15	1	5,334
TOTAL PRIVATE		-	-	-	8,954	-	-	8,954
TOTAL SERVICE AND PRIVATE		2,282,217	3,573		124,039			2,410,429

2.4.2. Bonded storage facilities

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

2.5. Commercial and shipping facilities

2.5.1. Dry docks

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

2.5.2. Floating docks

Owner	Length (m)	Width (m)	Maximum draught (m)	Upward force (t)	Year of construction
Unión Naval Barcelona	120	19	4,5	4,500	1974

2.5.3. Slipways

Location	Owner	Characteristics		
Wharf 09 Escar	APB*	Syncrolift	885 m2 area on water	300
				150

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

2.5.4. Shipyards

Location	Owner	No. of slipway	Area (m2)
Wharf 02 Llevant	Hélices y Suministros Navales, SL	None	1,052
Wharf 02 Llevant	North Wind Yard, SL	Id.	6,520
Wharfs 03 Floating dry dock / 05 Occidental / 06 Catalunya	Unión Naval Barcelona	Id.	31,295
Wharf 08 Nou	Marina Barcelona-92, SA	Id.	26,173

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	6,600	75,000
Fruit terminal	Wharf 20 Ponent	Terminal Port Nou, SA (BFT)	5,400	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	1,200 m2
Buildings for fishing industry	Wharf 10 Pescadors	APB	83 buildings
Buildings for fishing industry	Wharf 11 Balears	APB	50 buildings

2.5.7. Passenger terminals

Location	Owner	Traffic handled	Area (m2)	No. of floors	Total area (m2)
Wharf 01 Adossat	APB	Internacional	3,360	1	3,360
Wharf 01 Adossat	APB	Balearic islands	1,125	1	1,125
Wharf 01 Adossat	APB	International	2,400	1	2,400
Wharf 18 Barcelona (North)	Creuers Port Barcelona	International	1,934	4	4,986
Wharf 18 Barcelona (South)	Creuers Port Barcelona	International	1,934	4	5,913
Wharf 18 Barcelona	APB	Balearic islands	670	2	1,400
Wharf 19 Sant Bertran	Trasmediterránea	International and Balearic is.	2,259	2	4,307
Wharf 15B Espanya	APB	International	516	1	516
Wharf 20 Ponent	APB	International	150	1	150

2.5.8. Official buildings

Location	Owner	User	Use	Area and characteristics
Wharf 01B Adossat	APB	Red Cross	Maritime rescue station	342 m2 building Rest of plot 1,563 m2
Wharf 08 Nou	Sea Sciences Institute	Sea Sciences Institute	Laboratory	2,560 m2 building
Wharf 14 Dipòsit	Technical University of Catalonia	Navigation Faculty	School	1,480 m2 building Rest of plot 2,085 m2
Wharf 15 Espanya	Technical University of Catalonia	Navigation Faculty	Jetty, gymnasium and school	500 m2 building Rest of plot 422 m2
Wharf 17 Drassanes	APB	APB	Offices	1,060 m2 building
Wharf 17 Drassanes	Customs	Customs	Offices	4,840 m2 building
Wharf 19 Sant Bertran	APB	Archdiocese Barcelona	Maritime ministry	3-storey building (300 m2 per floor)
Wharf 24 Sud	APB	Ministry of Agriculture	Veterinary inspection	-
Tram V	APB	APB / Civil Guard / Leases	Offices	3,730 m2 building
Tram V	APB	Estibarna	Offices and contracting	1,400 m2 building Rest of plot 5,600 m2
Tram VI	APB	APB	ASTA building	17,000 m2
Tram VI	DGMM	DGMM	Harbour Master's office and Maritime traffic control	4,862 m2
Tram VI	APB	Estibarna	Formation centre	
Tram VI	Generalitat of Catalonia	Agriculture Department	Laboratory	1,964 m2 building Rest of plot 2,768 m2

2.5.9. Other commercial and public buildings and facilities

Location	Owner	User	Use	Area and characteristics
Wharf 01B Adossat	Comercializadora Mediterránea de Cementos	Comercializadora Mediterránea de Cementos	Cement silo	Area: 3,750 m2
Wharf 09 Escar	A.P.B.	-	Shop	108 m2
Wharf 09 Escar	A.P.B.	A.P.B.	A.P.B. Pensioners / Naval League / Barcelona fes-te a la mar	Area: 1,500 m2
Wharf 16 Bosch i Alsina	A.P.B.	A.P.B.	First-aid centre	Building: 600 m2
Wharf 22 Contradic	Ergransa	Ergransa	Receiving station for grain and seeds	Silos with capacity for 145,000 m3
Wharf 22 Contradic	A.P.B.	Moyresa	Warehouse, offices and toilets	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	A.P.B.	Transcont, SA	Offices	89 m2
Wharf 26 Álvarez de la Campa	A.P.B.	Trafisa	Offices	250 m2
Wharf 32 Inflamables	Ecoimsa	Ecoimsa	Waste treatment	Plot: 9,921 m2
Wharf 32 Inflamables	A.P.B.	Various	Laboratory and offices	324 m2
Anselm Clavé street	A.P.B.	Port 2000	Headquarters Port 2000, offices	-
Tram VI	A.P.B.	Damex	Offices	460 m2
Tram VI	A.P.B.	Grúas JJ, SA	Offices	60 m2

2.6. Ship supply facilities

2.6.1. Fuel supply

Type of supply	Location	No. of 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	15	25 m3	150m3	A.P.B.
Id.	" " "	10	25 m3		Creuers de Barcelona
Id.	Wharf 15A Espanya	5	25 m3	75m3	A.P.B.
Id.	Wharf 16 Bosch i Alsina	4	25 m3	75m3	A.P.B.
Id.	Wharf 17 Drassanes	5	20 m3	50m3	A.P.B.
Id.	Wharf 18A Barcelona N	8	25 m3	100m3	A.P.B.
Id.	" " "	3	25 m3		Creuers de Barcelona
Id.	Wharf 18B Barcelona E	2	25 m3	50m3	A.P.B.
Id.	Wharf 18C Barcelona S	5	25 m3	100m3	A.P.B.
Id.	" " "	3	25 m3		Creuers de Barcelona
Id.	Wharf 19 Sant Bertran	17	25 m3	100m3	A.P.B.
Id.	Wharf 29 Ponent N.	15	25 m3	75m3	A.P.B.
Id.	Wharf 20 Ponent E.	9	25 m3	75m3	A.P.B.
Id.	Wharf 20 Ponent S.	15	25 m3	100m3	A.P.B.
Id.	Wharf 21 Costa	11	25 m3	75m3	A.P.B.
Id.	Wharf 22 Contradic N.	7	25 m3	75m3	A.P.B.
Id.	Wharf 22 Contradic E.	6	25 m3	75m3	A.P.B.
Id.	Wharf 22 Contradic S.	15	25 m3	100m3	A.P.B.
Id.	Wharf 23 Oest	8	30 m3	100m3	A.P.B.
Id.	Wharf 24 Sud (North side)	14	30 m3	100m3	A.P.B.
Id.	Wharf 24 Sud (East side)	39	30 m3	100m3	A.P.B.
Id.	Wharf 26 Àlvarez de la Campa (North)	5	30 m3	75m3	A.P.B.
Id.	Wharf 26 Àlvarez de la Campa (East)	21	30 m3	100m3	A.P.B.
Id.	Wharf 27 Lepant	5	30 m3	75m3	A.P.B.
Id.	Wharf 28 Evaristo Fernández	4	25 m3	75m3	A.P.B.
Id.	Wharf 29 Príncep d'Espanya	35	30 m3	125m3	A.P.B.
Id.	Wharf 30 Dàrsena Sud	27	30 m3	100m3	A.P.B.
Id.	Wharf 31 Dàrsena Interior	15	30 m3	100m3	A.P.B.
Id.	Wharf 32 Inflamables	7	17 m3	70m3	A.P.B.
Id.	Wharf 33 Nou Contradic	2	25 m3	40m3	A.P.B.
TOTAL		337			

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

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

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

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.
- A-16 Motorway, linking with the south and west.
- A-18 Motorway to Sabadell, Terrassa and Manresa, linking to the Llobregat trunk road and through the Cadí Tunnel to France via Puigcerdà and the Pimorent Tunnel.
- A-19 Motorway, linking up to the N II highway to the French border.
- N II highway, to the west, centre and north of the country.
- N 152 highway, to the French border via Puigcerdà.
- N 150 highway, to Sabadell, Terrassa and Manresa.
- N 340 highway, linking up to the south and east of the country.

Rail

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

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

Pipelines

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

Start	Diameter	Product	Destination
Inflamables Wharf (Enagas Terminal)	1Ø90 mm	Natural Gas	Derivados Azufre, SA (Zona Franca)
	1Ø200 mm	Natural Gas	Consumption belt

1Ø200 mm	Natural Gas	Link to the sea edge of the ring
4Ø150 mm	Propane and Butane	Consumption 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
Sant Bertran	T. Port Nou	2 Id.	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Id.	Id.	1 Id.	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Ponent N.	Id.	2 Id.	Bynsa	(C.a.) 440 v.	6	22	25	25	1982
Ponent E.	Id.	4 Id.	Bynsa	(C.a.) 440 v.	6	22	25	25	1982
Ponent S.	Id.	1 Id.	Demag	A.T. 6.000 v.	40	35	27	35	1969
Costa	TERCAT	1 Id.	Bynsa	(C.a.) 440 v.	30	25	25	25	1982
Id.	Id.	2 Id.	Macosa	(C.a.) 440 v.	12	25	22	25	1978
Id.	Id.	1 Id.	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Contradic S.	APB	4 Id.	Macosa	(C.a.) 440 v.	16	35	23	30	1988
Oest	Id.	3 Id.	Duro Felguera	(C.a.) 440 v.	12	25	22	30	1981
Sud N.	TCB	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	27	35	1982
Id.	Id.	1 Id.	Paceco	Id.	35	28,5	25	32	1990
Id.	Id.	1 Id.	Paceco	Id.	50	35	27	35	1996
Id.	Id.	2 Id.	Kone	Id.	50	47	33	35	1993
Id.	Id.	2 Id.	Kone	Id.	50	47	33	35	1999
Id.	Id.	1 Id.	B.W.	Id.	50	35	27	35	1982
Id.	Id.	1 Id.	B.W.	Id.	50	35	27	35	1988
Alvarez Campa	Est. de Ponent	1 Id.	Paceco	Id.	33,5	35	24	30	1966
Id.	Id.	3 Gantry	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Id.	Trafisa	1 Id.	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Id.	Id.	1 Id.	Imenasa	(C.a.) 440 v.	28	23	20	30	1980
Lepant	Est. Ponent	1 Id.	Imenasa	(C.a.) 440 v.	28	25	22	30	1973
Id.	Id.	1 Bridge crane	Paceco	(C.a.) 440 v.	41	33	25	25	1985
Príncep d'Espanya	TERCAT	1 Bridge crane	B.W.	A.T. 6.000 v.	50	35	24	30	1972
Id.	Id.	2 Id.	Liebherr	Id.	50	45	33	35	1998
Id.	Id.	2 Id.	Liebherr	Id.	50	45	33	35	1999
Id.	Id.	1 Id.	Liebherr	Id.	50	45	33	35	2000
TOTAL		46							

2.8.1.2. Mobile cranes

Owner	No.	Make	Energy used	Strength (tonnes)	Year of construction
Grúas J.J., S.A.	1	Gontrailer	Diesel oil	100	
Grúas J.J., S.A.	1	Iveco	Diesel oil	20	
Grúas J.J., S.A.	1	Mercedes	Diesel oil	30	
Grúas J.J., S.A.	1	Gontrailer	Diesel oil	50	
Grúas J.J., S.A.	1	Iveco	Diesel oil	65	
Grúas J.J., S.A.	1	Iveco	Diesel oil	90	
Grúas J.J., S.A.	2	Liebherr	Diesel oil	50	1988/95
Grúas J.J., S.A.	1	Liebherr	Diesel oil	120	1989
Grúas J.J., S.A.	2	Luna	Diesel oil	35	1989/92
Grúas J.J., S.A.	3	Liebherr	Diesel oil	25	1990/92
Grúas J.J., S.A.	3	Liebherr	Diesel oil	45	1990/92
Grúas J.J., S.A.	1	Liebherr	Diesel oil	70	1991
Grúas J.J., S.A.	1	Liebherr	Diesel oil	80	1991
Grúas J.J., S.A.	1	Liebherr	Diesel oil	140	1997
Grúas J.J., S.A.	1	Liebherr	Diesel oil	100	1999
Grúas J.J., S.A.	1	Liebherr	Diesel oil	450	1999
Grúas J.J., S.A.	1	Liebherr	Diesel oil	300	2000
Grúas J.J., S.A.	1	Liebherr	Diesel oil	160	2001
Saport-Mapor, S.A.	1	Demag 2000 Q	Diesel oil	62	1984
Terminal Catalunya, S.A.	1	Gottwald HMK 280 EG	Diesel oil		
Terminal Catalunya, S.A.	1	Liebherr LHM-400 G	Diesel oil		2000
Terminal Catalunya, S.A.	3	Gottwald HMK 300 EG	Diesel oil		93/98/99
Terminal Port-Nou, S.A.	1	Demag MCQ 2000	Diesel oil	52,5	1990
TOTAL	31				

2.8.1.3. Number of cranes. Summary

Type	Service	Private	Total
Gantry			
Over 12 t	4	12	16
12 t	3	5	8
6 t	-	6	6
3 t	-	-	-
Total gantry	7	23	30
Bridge cranes (container carriers)	-	16	16
Mobile cranes	-	31	31
Other cranes	-	-	-
TOTAL	7	70	77

2.8.2. Special loading and discharge facilities

Location	Owner	Characteristics	Area and capability	Year of construction
Wharf 01 B Adossat	Comercializadora Mediterránea de Cementos, S.A.	Cement depot-silo	8.717 m ² 18.000 m ³	1991
Wharf 19 Sant Bertran	Demagrisa	Liquid bulk tanks	4.141 m ² 16.872,39 m ³	1966
Wharf 22 Contradic (N)	Tramer, S.A.	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, S.A.	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, S.A.	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 26 Álvarez de la Campa	Cargill España, S.A.	Soya bean milling plant	38.123 m ²	1979
Wharf 26 Álvarez de la Campa	Cía. Valenciana de Cementos, S.A.	Silos for cement	1.276 m ² 9.800 m ³	1969
Wharf 32 Inflamables	Decal España, SA	Liquid bulk tanks	96.232 m ² 329.823 m ³	1992
Wharf 32 Inflamables	Terquimsa.	Liquid bulk tanks	32.231 m ² 45.600 m ³	1975
Wharf 32 Inflamables	Tepsa	Liquid bulk tanks	154.901 m ² 197.657 m ³	1973-80-95
Wharf 32 Inflamables	Relisa	Liquid bulk tanks	16.930 m ² 98.476 m ³	1975
Wharf 32 Inflamables	Enagas, S.A.	Discharge and storage of liquefied gases	154.979 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	234 HP	1997
Can Tunis Station	ZEPHIR	Manoeuvring locotractor	211 HP	1997

2.8.4. Auxiliary loading, discharge and transport material

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics
Weighbridges	Cia. Valenciana de Cementos Portland, SA	1	-----	Electricity	-----
Buckets	Cia. Valenciana de Cementos Portland, SA	2	-----	Electricity	-----
Buckets	Coma y Ribas, S.L.	3	Mecsa	-----	9.5 m3
Buckets	Coma y Ribas, S.L.	1	Omega	-----	4 m3
Buckets	Coma y Ribas, S.L.	1	Viana	-----	6.5 m3
Loaders	Coma y Ribas, S.L.	1	M. Ferguson	Diesel oil	3 t
Trailers	Coma y Ribas, S.L.	6	-----	-----	-----
Buckets	Coma y Ribas, S.L.	2	-----	-----	35 m3
Buckets	Coma y Ribas, S.L.	1	Mecsa	-----	7 m3
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Hyster	Diesel oil	5.5 t
Mafis	Compañía Trasmediterranea, S.A.	3	Dta. Douglas	Diesel oil	45 t
Mafis	Compañía Trasmediterranea, S.A.	1	Douglas	Diesel oil	40 t
Fork-lift trucks	Compañía Trasmediterranea, S.A.	1	Caterpillar	Diesel oil	2.5 t
Mafis	Compañía Trasmediterranea, S.A.	3	Sisu	Diesel oil	45 t
Mafis	Compañía Trasmediterranea, S.A.	2	Douglas	Diesel oil	45 t
Tractors	Compañía Trasmediterranea, S.A.	1	John Deere	Diesel oil	5 t
Loaders	Construcciones Espada, S.A.	1	-----	Diesel oil	80 H.P.
Weighbridges	DECAL, SA	2	Magriña	-----	60 t
Fork-lift trucks	DECAL, SA	1	Nissan	Diesel oil	2 t
Weighbridges	Demagrisa	1	Ariso	-----	60 t
Fork-lift trucks	Enagas, S.A.	1	Still	Electricity	1.5 t
Weighbridges	Ergransa, S.A.	2	Mettler Toledo	Electricity	60 t
Loaders	Ergransa, S.A.	2	Bobcat Clark	Diesel oil	1,679 Kg.
Loaders	Ergransa, S.A.	1	Bobcat Clark	Diesel oil	1,600 Kg.
Loaders	Ergransa, S.A.	1	Bobcat Clark	Diesel oil	1,679 Kg.
Conveyors belts	Ership, S.A.	1	-----	Electricity	20 m.
Buckets	Ership, S.A.	2	-----	-----	6 m3
Buckets	Ership, S.A.	1	-----	-----	10 m3
Buckets	Ership, S.A.	2	-----	-----	2.8 m3
Fork-lift trucks	Ership, S.A.	1	-----	Diesel oil	-----
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-920 E	Diesel oil	35 t
Fork-lift trucks	Estibadora de Ponent, S.A.	2	Hyster H4400	Diesel oil	36 t
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-620 E	Diesel oil	23 t
Fork-lift trucks	Estibadora de Ponent, S.A.	1	Hyster H-250 E	Diesel oil	8 t
Reach Stacker	Estibadora de Ponent, S.A.	3	Sisu	Diesel oil	45 t
Mafis	Estibadora de Ponent, S.A.	4	Terberg	Diesel oil	25 t
Mafis	Estibadora de Ponent, S.A.	4	Sisu TR-161-AL	Diesel oil	32 t
Platforms	Estibadora de Ponent, S.A.	10	-----	-----	12 m.
Spreader	Estibadora de Ponent, S.A.	1	Van de Graaf	-----	35 t
Spreader	Estibadora de Ponent, S.A.	2	Bromma	-----	35 t
Mafis	Estibadora de Ponent, S.A.	1	Sisu TR-160-AR2	Diesel oil	25 t
Fork-lift trucks	Frigoscandia, SA	1	Linde	Electricity	1.5 t
Conveyors belts	Frigoscandia, SA	2	Proconsa	Electricity	10m. 6m.
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 950-B	Diesel oil	130 KW
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 966-C	Diesel oil	135 KW

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 966-D	Diesel oil	175 KW
Fork-lift trucks	Gines Guirao, S.L.	1	Dresser-545	Diesel oil	184 KW
Fork-lift trucks	Gines Guirao, S.L.	1	Dresser-530	Diesel oil	135 KW
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	Caterpillar 926- E	Diesel oil	90 KW
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 966- E	Diesel oil	175 KW
Fork-lift trucks	Gines Guirao, S.L.	1	Caterpillar 936-E	Diesel oil	110 KW
Fork-lift trucks	José Llinas e Hijos, S.L.	8	NISSAN	Electricity	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	NISSAN	Diesel oil	5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	TOYOTA	Electricity	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	CATERPILLAR	Diesel oil	24 t
Fork-lift trucks	José Llinas e Hijos, S.L.	11	NISSAN	Diesel oil	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	NISSAN	Petrol	2.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	3	NISSAN	Diesel oil	2 t
Fork-lift trucks	José Llinas e Hijos, S.L.	7	NISSAN	Diesel oil	2.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	TOYOTA	Diesel oil	4 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	NISSAN	Diesel oil	4 t
Trailers	José Llinas e Hijos, S.L.	2	FRUEHAUF	- - - -	35 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	NISSAN	Electricity	2.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	NISSAN	Electricity	3 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	CATERPILLAR	Diesel oil	4 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	NISSAN	Diesel oil	4.5 t
Tractors	José Llinas e Hijos, S.L.	1	PEGASO	Diesel oil	40 t
Tractors	José Llinas e Hijos, S.L.	4	IVECO	Diesel oil	40 t
Trailers	José Llinas e Hijos, S.L.	3	CONTRAILER	Diesel oil	30 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	TOYOTA	Diesel oil	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	3	BT	Electricity	1.5 t
Transpalets	José Llinas e Hijos, S.L.	4	BT	Electricity	2 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	SAMSUNG	Diesel oil	7 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	SAMSUNG	Diesel oil	2.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	3	SAMSUNG	Diesel oil	2 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	MITSHUBISHI	Electricity	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	CARER	Electricity	1.5 t
Transpalets	José Llinas e Hijos, S.L.	2	MIC	Electricity	2 t
Fork-lift trucks	José Llinas e Hijos, S.L.	6	TCM	Diesel oil	1.5 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	KALMAR	Diesel oil	10 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	TOYOTA	Diesel oil	2.5
Fork-lift trucks	José Llinas e Hijos, S.L.	1	KALMAR	Diesel oil	42 t
Fork-lift trucks	José Llinas e Hijos, S.L.	1	NISSAN	Petrol	2.5 t
Trailers	José Llinas e Hijos, S.L.	1	TRABOSA	-----	30 t
Transpalets	José Llinas e Hijos, S.L.	1	STOCKLIN	Electricity	2 t
Fork-lift trucks	José Llinas e Hijos, S.L.	2	JUNGHEINRICH	Electricity	1.5 t
Tank Semi-trailer	Loiret & Haentjens España, S.A.	2	B.S.L.		21 m3.
Tank Semi-trailer	Loiret & Haentjens España, S.A.	1	B.S.L.		24 m3.
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	FIAT	Diesel oil	1.75 t
Fork-lift trucks	Loiret & Haentjens España, S.A.	1	HYSTER	Electricity	1.5 t

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics
Loaders	Portcemen, S.A.	1	JCB 416	Diesel oil	5.4 t
Cranes	Renfe (Tte. Combinado)	1	Jaso 262	Electricity	40 t
Weighbridges	Sadesa	1	Ariso	Electronic	60 t
Fork-lift trucks	Sadesa	1	Caterpillar	Diesel oil	4 t
Trailers	Sadesa	2	-----	-----	-----
Fork-lift trucks	Saport-Mapor, S.A.	1	Kalmar	-----	28 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Kalmar	-----	42 t
Fork-lift trucks	Saport-Mapor, S.A.	3	Tug Master SISU	Diesel oil	Diverses
Fork-lift trucks	Saport-Mapor, S.A.	3	Hyster H 1400 XL	Diesel oil	16 t
Fork-lift trucks	Saport-Mapor, S.A.	11	Hyster 300/400 XL	Diesel oil	3 y 4 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 32 N	Diesel oil	32 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 28 R	Diesel oil	28 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Luna TH 42 R	Diesel oil	42 t
Fork-lift trucks	Saport-Mapor, S.A.	2	Hyster H 80	Diesel oil	6 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Hyster H400 C	Diesel oil	42 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Toyota 023 FD 35	Diesel oil	4 t
Fork-lift trucks	Saport-Mapor, S.A.	2	Nissan	Diesel oil	7.5 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Tug Master SISU	Diesel oil	Diverses
Fork-lift trucks	Saport-Mapor, S.A.	1	Hyster H460B	Diesel oil	20 t
Fork-lift trucks	Saport-Mapor, S.A.	1	Tug Master Kalmar	Diesel oil	
Platforms	Saport-Mapor, S.A.	7	-----	-----	40'
Fork-lift trucks	Saport-Mapor, S.A.	2	Luna	Diesel oil	40 t
Fork-lift trucks	TCB, SA	3	Luna	Diesel oil	40 t
Fork-lift trucks	TCB, SA	2	Hyster	Diesel oil	25 t
Fork-lift trucks	TCB, SA	2	Fenwick	Diesel oil	17 t
Fork-lift trucks	TCB, SA	3	Hyster	Diesel oil	6 t
Fork-lift trucks	TCB, SA	1	Caterpillar	Diesel oil	4 t
Straddle Carrier	TCB, SA	6	Sisu-Kalmar	Diesel oil	40 t
Fork-lift trucks	TCB, SA	3	Caterpillar	Diesel oil	3 t
Fork-lift trucks	TCB, SA	2	Caterpillar	Diesel oil	2.5 t
Fork-lift trucks	TCB, SA	2	Hyster	Diesel oil	1.5 t
Trucks	TCB, SA	5	Pegaso	Diesel oil	-----
Platforms	TCB, SA	2	Fruehauf	-----	-----
Straddle Carrier	TCB, SA	4	Valmet-Sisu	Diesel oil	40 t
Reach Stacker	TCB, SA	1	Sisu	Diesel oil	45 t
Fork-lift empty	TCB, SA	2	Sisu	-----	9 t
Straddle Carrier	TCB, SA	5	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	3	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	6	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	5	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	3	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	2	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	3	Valmet-Sisu	Diesel oil	40 t
Straddle Carrier	TCB, SA	3	Valmet-Sisu	Diesel oil	40 t
Fork-lift trucks	Terminal Catalunya, S.A.	2	Hyster H 16.00 XL2	Diesel oil	16 t
Fork-lift trucks	Terminal Catalunya, S.A.	2	Hyster H1600XL	Diesel oil	16 t
Fork-lift trucks	Terminal Catalunya, S.A.	3	Hyster H32.00-F	Diesel oil	32 t
Fork-lift trucks	Terminal Catalunya, S.A.	1	Caterpillar DP25	Diesel oil	-----

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics
Fork-lift trucks	Terminal Catalunya, S.A.	5	Hyster H4.00 XM/S	Diesel oil	4 t
Fork-lift trucks	Terminal Catalunya, S.A.	1	Caterpillar DP 150	Diesel oil	15 t
Fork-lift trucks	Terminal Catalunya, S.A.	1	Hyster H2500 XL	Diesel oil	25 t
Fork-lift trucks	Terminal Catalunya, S.A.	7	Caterpillar DP 40	Diesel oil	4 t
Reach Stacker	Terminal Catalunya, S.A.	1	Fantuzzi RS50 SP	Diesel oil	
Mafis	Terminal Catalunya, S.A.	8	KALMAR TB-3042	- - - -	36 t
Mafis	Terminal Catalunya, S.A.	8	TERBERG TT	- - - -	36 t
Fork-lift trucks	Terminal Catalunya, S.A.	10	Hyster H4.50 XM/S	Diesel oil	4.5 t
Trastainers	Terminal Catalunya, S.A.	5	Ansaldo Regiene	Diesel oil	42.5 t
Trastainers	Terminal Catalunya, S.A.	3	Fantuzzi Regienne	Diesel oil	40 t
Reach Stacker	Terminal Catalunya, S.A.	7	Fantuzzi CS-45	Diesel oil	36 t
Reach Stacker	Terminal Catalunya, S.A.	2	K DR 420-60S5T	Diesel oil	36 t
Reach Stacker	Terminal Catalunya, S.A.	7	PPM FCH-77	Diesel oil	36 t
Straps	Terminal Catalunya, S.A.	2		Diesel oil	12.3 m³
Buckets	Terminal Catalunya, S.A.	1	Caterpillar	Diesel oil	14.3 m³
Reach Stacker	Terminal Catalunya, S.A.	1	KALMAR LMV	Diesel oil	
Reach Stacker	Terminal Catalunya, S.A.	1	PPM FCH 55	Diesel oil	
Excavators	Terminal Catalunya, S.A.	1	Caterpillar V-950G	Diesel oil	6 t
Trailers	Terminal Catalunya, S.A.	6	Buiscar KD 60-40		
Mafis	Terminal Port-Nou, S.A	1	Caterpillar	Diesel oil	
Fork-lift trucks	Terminal Port-Nou, S.A	2	Toyota	Diesel oil	4 t
Fork-lift trucks	Terminal Port-Nou, S.A	1	Kalmar	Diesel oil	32 t
Transtainer	Terminal Port-Nou, S.A	2	Gommata Ansaldo	Diesel oil	42 t.
Fork-lift trucks	Terminal Port-Nou, S.A	4	Hyster	Diesel oil	7 t
Fork-lift trucks	Terminal Port-Nou, S.A	11	Fiat DI 30 CH	Diesel oil	3 t
Fork-lift trucks	Terminal Port-Nou, S.A	4	Kalmar	Diesel oil	45 t
Fork-lift trucks	Terminal Port-Nou, S.A	4	Fiat DI 40 C	Diesel oil	4 t
Fork-lift trucks	Terminal Port-Nou, S.A	10	Fiat TSX-20	Electricity	2 t
Mafis	Terminal Port-Nou, S.A	4	Terberg	Diesel oil	
Fork-lift trucks	Terminales Portuarias, S.A.	1	TOYOTA 5FD25	Diesel oil	2.5 t
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Bam-Eergio	Mecànica	50 Kg
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Bam-Eergio	Mecànica	250 Kg
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Bam-Eergio	Mecànica	350 kg
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Cely	Mecànica	400 Kg
Weighbridges	Terminales Portuarias, S.A.(T-2)	2	Pibernat-Epelsa	Electricity	60 t
Weighbridges	Terminales Portuarias, S.A.(T-2)	2	Ariso	Mecànica	500 Kg
Fork-lift trucks	Terminales Portuarias, S.A.(T-2)	1	Yale	Diesel oil	37.5 KW
Fork-lift trucks	Terminales Portuarias, S.A.(T-2)	2	Still	Diesel oil	37 KW
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Cely	Mecànica	1,500 Kg
Weighbridges	Terminales Portuarias, S.A.(T-2)	1	Epelsa	Electricity	1,800 Kg
Fork-lift trucks	TERQUIMSA	1	Daewoo	Diesel oil	2.5 t
Fork-lift trucks	TERQUIMSA	1	Fiat	Diesel oil	3.5 t
Weighbridges	Tráfico de Mercancias, S.A	1	Casals	-----	80 t
Weighbridges	Tráfico de Mercancias, S.A	2	Schenck	Over belts	1,000 t/H
Conveyors belts	Tráfico de Mercancias, S.A	25	varias	Electricity	1,300 m.
Weighbridges	Tráfico de Mercancias, S.A	2	M.I.T.	Electricity	500/1000 t/H
Scraper	Tráfico de Mercancias, S.A	1	M.I.T.	Electricity	600 t/h
Fork-lift trucks	Tráficos Isleños, S.A.	1	Caterpillar H60	Diesel oil	30 t

Type of material	Owner/Terminal	No.	Make	Energy used	Characteristics
Reach Stacker	Tráficos Isleños, S.A.	1	PPM	Diesel oil	45 t
Spreader	Tráficos Isleños, S.A.	2	Luna	Diesel oil	36 t
Fork-lift trucks	Tráficos Isleños, S.A.	1	Caterpillar B16	Diesel oil	7 t
Fork-lift trucks	Tráficos Isleños, S.A.	1	Toyota	Diesel oil	1.5 t

2.9. Floating material

2.9.1. Dredgers

(none)

2.9.2. Tugboats

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

2.9.3. Sludge lighters, lighters and barges

(None)

2.9.4. Floating cranes

(None)

2.9.5. Other auxiliary service means

Name	Owner	Characteristics	Year of construction
Neptuno	APB	Floating waste collector	1980
Corb Marí I	id	Floating waste collector	1996
Corb Marí II	id	Floating waste collector	1996
Blavet	id	Floating waste collector	1998
Xatrac	id	Floating waste collector	1998
Pedro de Alvarado	id.	Sounding and miscellaneous services	1964
APB BOMBERS	id.	Underwater fire brigade for maritime rescue	2000
Porta d'Aigua	id.	Authorities and visitors	1992
Pelican 69	ECOLMARE	Floating waste collector	1980
Ghibli	SPRA, S.A.	Auxiliary antipollution and fire-fighting service launch	1975
Caperol	id.	Auxiliary service launch	1976
Lucaya III	id.	Staff- transport launch	1962
Lucaya IV	id.	Staff- transport launch	1992
La Restinga	id.	Launch for hydrographic works	1992
Aljibe nº 1	id.	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 12 and 14 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 22.7 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 10,800 m². Likewise, the company owns 8 container lifting cranes, 4 of which are of the post-panamax type.

On 01 Adossat, 19 Sant Bertran, 20 Ponent and 21 Costa wharves, there are two multi-purpose and one polyvalent general cargo terminals run by Saport-Mapor, SA, Terminal Port-Nou, SA and Terminal Catalunya, SA respectively. These terminals together occupy an area of 12.8 hectares, with a maximum draught of 12 m and a berthing line of 2,100 m. They also have a total of 7 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 38,806 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 Tráficos Isleños, SA (Trafisa), 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 28T.

Finally, on 28 Evaristo Fernández wharf, the Cía. Trasmediterránea, SA company has an authorised area of 1.7 ha for the handling of containerised goods of which 2,300 m² are industrial premises. The draught of this wharf is 7.8 m and there are three ro-ro berths.

Automobile terminals

On 30 Dàrsena Sud and 31 Dàrsena Interior wharves there are the two automobile terminals: Autoterminal, SA and Setram SA. The berthing line of these wharves is 1,005 m with a maximum draught of 12 m.

Autoterminal has an area under concession of 29.2 ha, with a vertical silo allowing it to increase its storage area by 254,000 m². The terminal has a capacity for 41,500 vehicles of which 21,500 correspond to uncovered places and the remaining 20,000 to covered places. It also has a vehicle personalisation centre and protection-removing tunnel.

Setram operates an area under concession of 5 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 145,000 T. At the terminal there is a pneumatic discharge operational capacity: of 900 T/h.

Terminals for milling soya beans

26B Álvarez de la Campa and 22B Contradic 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 1,200,000 T.

Bulk cement reception and embarking terminal

On 01 Adossat, 22C Contradic and 26B Álvarez de la Campa wharves there are the Comercializadora Mediterránea de Cementos, SA, Portcemen, SA and Cía. Valenciana de Cementos, 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), Demagrisa (oils) and Loiret & Haëntjens Esp., SA (molasses). These terminals are located on 32 Inflamables, 19 Sant Bertran, 22 Contradic and Tram IV wharves. They occupy a total area of 65.5 hectares with an exclusive berthing line of 2,390 m and a maximum draught of 12 m. The total storage capacity is 1,200,000 m3.

Fruit Terminal

20C Ponent wharf houses the Barcelona Fruit Terminal. It has 5,556 m2 of refrigerated warehouse space, with three independent temperature controls, simultaneous storage of up to 6,000 pallets, computerised bar code control system and a loading platform which can accommodate up to 150 lorries per day.

Coffee and Cocoa Terminal

On 26 Álvarez de la Campa wharf is the BIT SA terminal, with an area of 11,000 m2 and a storage capacity for coffee and cocoa of 14,000 T. The terminal is under duty-free control and is type approved by the LIFFE (London International Financial Futures and Options Exchange), necessary for the delivery and auctioning of coffee.

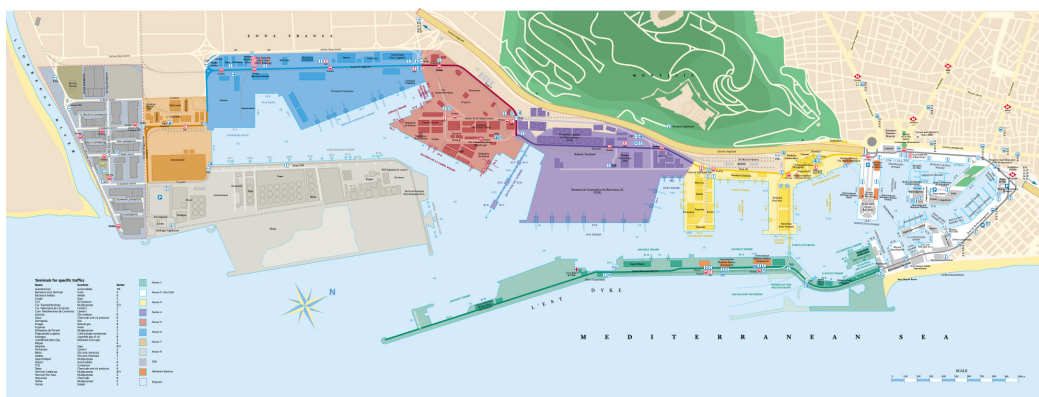
Non-Ferrous Metals Terminal

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

Perishable Goods Terminal

19 Sant Beltran wharf houses Frigoscandia Logistics. The terminal has a cold storage facility of 6,600 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 2000, 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 2000.

Authorised private-sector construction works and activities

Introduction

3.1. Authorised before 2000 and currently in force

3.2. Authorised in 2000

3 Authorised private-sector construction works and activities

3.1. Authorised before 2000 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-Mai-94	SDAD. PESCADORES DEP. DE MAR	12.40	1,209
(*) 2	Site for bar	1,500.00	O.M. 22-May-70	M ^a . TERESA OLLE	9.19	13,785 (*)
3	Site for breaking and silo	13,724.00	PAB 26-Jul-82	COMERCIALIZ. MED. DE CEMENTOS, SA	5.78	79,325
4	Site for educational and sport activities	3,021.00	APB 4-Sept-95	UNIVERSITAT DE BARCELONA	4.23	12,779
5	Drinking water network Dic de l'Est - c/ Escar	6,342.00 m.l.	APB 21-Jan-97	AGUAS DE BARCELONA, SA	-	-
ADOSSAT						
6	Multipurpose terminal:		APB 27-Oct-99	SAPORT-MAPOR, SA		
	Yard	30,334.00			4.03	122,246
	Depot	14,100.00			7.39	104,199
LLEVANT						
7	Depot	1,052.00	APB 24-Apr-95	HÉLICES Y SUMINISTROS NAVALES, SL	23.13	24,333
8	Part of depot for workshop	462.00	PAB 27-May-91	INGENIERÍAS TÉCNICAS PORTUARIAS	7.49	3,460
9	Vessel design and repairing facilities		APB 26-Mar-97	NORTH WIND YARD, SL		
(*)	Buildings	3,459.50			7.49	25,912 (*)
(*)	Yard	1,651.00			7.49	12,366 (*)
(*)	Facili. use	-				67,744 (*)
ORIENTAL						
10	Site for bar-restaurant	168.00	O.M. 24-Sep-64	HERMINIA OLLE ROCA	15.13	2,542
CATALUNYA AND OCCIDENTAL						
11	Vessel repairing area and facilities	31,013.00	O.M. 30-Oct-72	INV. MTMAS. DEL MEDITERRÁNEO, SA	-	178,358
NOU						
12	Central lab. building for scientific research	2,560.00	O.M. 29-Mar-55	INST. INVES. PESQUERAS	sense cànon	-
13	Sea water intake pipes	57.00 m. l.	O.M. 24-Feb-59	INST. INVES. PESQUERAS	0.03	2
14	Building and facilities	13,704.00	O.M. 20-Feb-67	CLUB NATACIÓ BARCELONA	2.54	34,808
15	New sports facilities	6,220.00	APB 25-Jun-97	CLUB NATACIÓ BARCELONA	7.56	47,023
16	Vessel repair technical area	25,288.00	PAB 30-Oct-89	MARINA BARCELONA 92, SA	7.49	189,407
17	Vessel-painting building	2,094.20	APB 25-Apr-94	MARINA BARCELONA 92, SA	2.16	4,523
18	Municipal sports complex	8,900.00	PAB 2-Apr-91	C.N. ATLÉTIC BARCELONETA	1.17	10,413

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/ year	Annual total (euros)
19	Part of old OTP building	1,295.45	APB 30-Jun-99	G.U. PORT 2000	-	0
BALEARS						
20	Fuel supply to fishing vessels		APB 15-Feb-95	REPSOL CIAL. PROD. PETROLÍFEROS, S A		
	Tanks	101.00			3.02	305
	Pipelines	80.00 m. l.			2.42	194
	Pump	4.00			7.49	30
	Local	16.00			57.85	926
RELLOTGE						
21	Marina for sportives vessel:		PAB 05-Nov-90	MARINA PORT- VELL, SA		
	Marina	1,114.30			13.45	14,987
	Support building	742.77			13.45	9,990
	Fishing area	900.00			13.45	12,105
22	Maritime Trade school (Suport building)	2,471.74	APB 15-Feb-95	CONSORCI EL FAR	sense cànon	-
23	Projects links to UPC (Suport building)	593.17	APB 25-Jun-98	UNIV.POLITÈCNIC A DE CATALUNYA	sense cànon	-
BARCELONETA						
24	Passeig de Borbó parking garage	14,678.54	PAB 30-Oct-89	CINTRA APARCAMIENTOS, SA	13% recapt.	181,260
DIPÒSIT						
25	Building	295.00	O.M. 29-Abr-67	COL. OF. PES. Y MED. PÚBLICOS	9.92	2,926
26	Part of "Palau de Mar" building	15,594.00	PAB 30-Oct-89	PÒRTIC DE MAR, SA	19.14	298,469
27	Palau de Mar (History museum)	10,006.00	APB 30-Mar-95	GENERALITAT DE CATALUNYA	0.19	1,901
ESPANYA						
28	Sports buildings and facilities	3,132.00	O.M. 30-Oct-68	REIAL CLUB MARÍTIM	4.24	13,280
29	Sports buildings and facilities	1,780.00	O.M. 30-Oct-68	REIAL CLUB NÀUTIC	4.24	7,547
30	"L'Aquàrium" maritime centre	6,664.00	PAB 27-Nov-90	MUNDO SUBMARINO, SA	15.13	100,826
31	Sea water transport for aquarium (Buried pipe)	607.00 m. l.	APB 27-Mar-96	MUNDO SUBMARINO, SA	6.05	3,672
	Sea water transport for aquarium (Submerged pipe)	520.00 m. l.			0.86	447
32	Shopping centre:		PAB 30-Oct-89	ODISEA 2000, SL		
	"Maremàgnum" Shopping centre	10,950.00			14.35	157,133
	Shopping centre parking garage	11,939.00			3.59	42,861
	Multiscreen cinemas	3,182.00			14.35	45,662
33	Cinema	2,254.00	PAB 25-Feb-91	TEATRE IMAX BARCELONA, SA	13.45	30,316
34	Area for terraces	1,076.00	APB 24-Abr-95	TEATRE IMAX BARCELONA, SA	15.13	16,280
35	Drinking water network (Sector A-B Port Vell)	2,996.00 m. l.	APB 21-Jan-97	AGUAS DE BARCELONA, SA	-	-
BOSCH I ALSINA						
36	Underground parking garage	8,145.00	PAB 25-Jan-86	SDAD. MPAL.APARCAM. Y SERV.,SA	1.35	10,996
BARCELONA						

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/ year	Annual total (euros)
37	World Trade Center Barcelona:		PAB 23-Apr-90	WORLD TRADE CENTER BARCELONA, SA		
	Built-on area	17,269.05			12.77	220,526
	Subsoil area	20,366.84			3.59	73,117
	Upon 1ª floor E M area	737.00			3.59	2,646
38	Maritime Stations North and South, WTCB	3,868.74	APB 28-Jul-99	CREUERS DEL PORT DE BARCELONA, SA	-	59,055
SANT BERTRAN						
39	Passenger terminal	7,028.00	APB 14-Feb-96	Cía. TRASMEDITERRÁ NEA, SA	8.83	62,057
40	Area of depot no. 3	4,800.00	PAB 25-mar-91	PROVIMAR	17.76	85,248
41	Site for refrigerators	6,600.00	O.M. 31-May-60	FRIGOSCANDIA LOGISTICS, SA	8.83	58,278
42	Site for fat tank	4,141.00	O.M. 28-Jun-60	DEMAGRISA	8.83	36,565
	Pipes	387.00 m. l.			3.39	1,312
43	"Apostolado del Mar" building	900.00	PAB 18-Mar-91	ARQUEBISBAT DE BARCELONA	sense cànon	-
44	Drinking water network (Sectors 6 and 7)	8,494.00 m. l.	APB 26-May-99	AGUAS DE BARCELONA, SA	-	-
PONENT						
45	Perishable goods terminal	5,556.00	PAB 28-Oct-91	TERMINAL PORT- NOU, SA	9.85	54,727
COSTA						
46	Multipurpose terminal:		APB 28-Jul-99	TERMINAL PORT- NOU, SA		
	Yard	49,021.00			5.38	263,733
	Depot	18,665.00			9.85	183,850
	Office	144.00			57.85	8,330
	Office platform	-				
47	Polivalent terminal:		PAB 28-Jan-91	TERMINAL CATALUNYA, SA		
	Yard	13,031.00			5.38	70,107
	Depot	4,500.00			9.85	44,325
48	Pipes	1,353.00 m. l.	R.O. 16-Abr-23	CLH, SA	2.42	3,274
49	Pipes	996.00 m. l.	O.M. 26-Sep-40	CLH, SA	2.42	2,410
50	Pipes	250.40 m. l.	O.M. 23-Jul-54	CLH, SA	2.42	606
51	Manholes	4.00	O.M. 23-Jul-54	CLH, SA	3.01	12
CONTRADIC						
52	Potash warehouse and wagon tippler	4,663.00	O.M. 8-May-58	TRAMER, SA	8.83	41,174
53	Potassium salt distributing tank	3,048.00	R.O. 20-Nov-30	TRAMER, SA	8.83	26,914
54	Wagon tippler	253.00	O.M. 16-Nov-59	TRAMER, SA	8.83	2,234
55	Salt warehouse	2,200.00	O.M. 23-Jan-69	TRAMER, SA	8.83	19,426
56	Distributing warehouse and load- discharge facilities	2,836.00	R.O. 16-Jan-26	TRAMER, SA	8.83	25,042
57	Grain silo "A"	1,102.00	O.M. 21-Dec-61	ERGRANSA	9.19	10,127

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/ year	Annual total (euros)
58	Area of influence	1,868.00	O.M. 21-Dec-61	ERGRANSA	9.19	17,167
59	Wagon loading and discharge station	164.00	O.M. 21-Mar-70	ERGRANSA	9.19	1,507
60	Extension of silos "B" and "C"	4,440.00	O.M. 8-Feb-78	ERGRANSA	9.19	40,804
61	Agrofood bulks warehouse	5,334.37	APB 30-Oct-95	ERGRANSA	9.19	49,023
62	Site for oils and similar goods	5,395.00	APB 14-Feb-96	MOYRESA	9.19	49,580
	Pipes	455.00 m. l.			3.39	1,542
	Facilities use	-			-	7,458
63	Site	6,278.00	O.M. 22-Feb-63	SADESA	9.19	57,695
	Pipes	90.00 m. l.			3.39	305
64	Bar	68.66	O.M. 17-Nov-66	JOSE ROVIRA	9.19	631
65	Vessel loading facilities	10,419.10	O.M. 28-Jul-73	PORTCEMEN, SA	9.19	95,752
66	Molasses warehouse	3,002.00	PAB 25-Feb-91	LOIRET & HAENTJENS ESPAÑA, SA	9.19	27,588
	Pipes	140.00 m. l.			3.39	475
OEST						
67	Cargo terminal	5,481.00	O.M. 03-Jun-24	FERROCARRILS GENERALITAT CATALUNYA	3.03	16,607
68	Stall	30.00	O.M. 13-May-58	FERROCARRILS GENERALITAT CATALUNYA	3.03	91
69	Site	31,790.00	O.M. 13-Abr-77	MOYRESA	6.67	212,039
SUD						
70	Public container terminal	461,282.00	PAB 24-Feb-92	TCB, SA	6.16	2,841,497
71	Turn around	387.69	R.O. 15-Jan-31	CLH, SA	6.05	2,346
72	Site	635.00	O.M. 19-Feb-46	CLH, SA	6.05	3,842
73	Site	10,317.62	O.M. 19-Dec-62	CLH, SA	6.05	62,422
74	Site	73,080.00	O.M. 28-Jul-67	CLH, SA	6.05	442,134
75	Pipeline BAPRAT	2,175.00 m. l.	PAB 21-Sep-79	CLH, SA	2.42	5,264
PANTALÀ						
76	Vessel-berthing jetty	12,070.00	O.M. 24-Jun-66	CLH, SA	2.40	28,968
ÀLVAREZ DE LA CAMPA						
77	Soya oil extraction plant	38,123.00	O.M. 23-Jan-76	CARGILL ESPAÑA, SA	3.56	135,718
78	Cement silos	1,276.00	O.M. 17-Sep-68	CÍA. VALENCIANA DE CEMENTS, SA	6.77	8,639
79	Service station	3,024.00	PAB 28-Jan-91	AGIP ESPAÑA, SA	10.00	30,240
80	Domestic terminal:	Yard	PAB 25-Oct-91	ESTIBADORA DE PONENT, SA	5.38	162,573

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/ year	Annual total (euros)
	Depot	900.00	PAB 25-Feb-91	ESTIBADORA DE PONENT, SA	9.85	8,865
81	60-tonne weightbridge facility	200.00	APB 25-Apr-94	COL. OF. PESADORES Y MED. PUBLICOS	7.49	1,498
FORMER TIR TERMINAL						
82	Site for container stocking and repairs	65,000.00	APB 29-Jul-98	PROGECO, SA	6.77	440,050
PRÍŇCEP D'ESPANYA						
83	Multipurpose terminal:		APB 8-Jul-98	TERMINAL CATALUNYA, SA		
	Yard	214,997.00			5.38	1,156,684
	Depot	11,527.00			9.85	113,541
	Workshop	767.00			15.41	11,819
	Office	390.00			57.85	22,562
	Building facilities value	-			-	4,397
	Building paying-up	-			-	2,094
84	Laboratory: Laboratory	512.77	APB 28-Oct-98	SGS ESPAŇOLA DE CONTROL, SA	22.77	11,676
	Offices	80.85			100.08	8,091
TRAM VI						
85	Site	23,671.00	PAB 21-Dec-87	TRANS-CATALÀ, SL	6.77	160,253
86	Offices and warehouse	12,740.00	O.M. 19-Feb-73	LANDTRANS, SA	6.77	86,250
(*) 87	Tankwashing area	4,553.00	PAB 28-Jan-91	LAVADEROS DE CISTERNAS, SA	6.77	30,824 (*)
88	Site		APB 23-Jul-97	DAMEX, SA		
	Yard	21,394.00			6.77	144,837
	Depot	7,875.00			22.77	179,314
	Office	368.00			57.85	21,289
	Facilities use	-			-	1,917
	Building paying-up	-			-	2,096
89	Site for container stocking and repairs	24,086.00	PAB 25-Jul-88	BARCELONA CONTAINERS, SA	6.77	163,062
90	Salt depot	7,305.00	APB 30-Sep-98	SAL COSTA, SA	6.77	49,455
91	Site for workshop	4,836.00	O.M. 20-Sep-77	SETRAM, SA	6.77	32,740
92	Quarantine and laboratory	3,606.40	O.M. 3-Mar-72	GENERALITAT DE CATALUNYA	3.03	10,927
93	Multipurpose pipeline	2,991.00 m. l.	PAB 30-Nov-81	PROCOMSA	2.42	1,001,985
94	Drinking water network (Sector 5)	3,764.00 m. l.	APB 27-May-98	AGUAS DE BARCELONA, SA	-	-
DÀRSENA SUD						
95	Automobile Terminal : Zones A, B, C and D	291,380.00	PAB 27-Nov-89	AUTOTERMINAL, SA	6.11	1,780,332
96	Automobile Terminal : Part of Zone B	50,000.00	PAB 28-Sep-92	SETRAM, SA	6.37	318,500
SUD ZONE						
97	Industrial building in Carrer Y	7,000.00	PAB 8-Oct-90	CONTENOSA	7.49	52,430
98	Site	10,000.00	PAB 27-Feb-84	SIDERCOMES, SA	6.03	60,300
(*) 99	Site	10,000.00	PAB 30-Jul-84	MASONEILAN, SA	6.02	60,200 (*)
100	Site	10,000.00	PAB 30-Jul-84	TRANSCONDAL CONTAINERS, SA	6.03	60,300

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/ year	Annual total (euros)
	Industrial activity	-			-	1,636
101	Site	10,000.00	PAB 30-Jul-84	PROCOMSA	6.03	60,300
102	Service station	5,250.00	PAB 28-Jan-91	AGIP ESPAÑA, SA	9.30	48,825
103	Industrial building	4,926.00	PAB 28-Jan-91	MINIS. HACIENDA (DUANA)	sense cànon	-
104	Industrial building	3,768.00	PAB 25-Mar-91	SERVEIS RECIPE (TM2)	22.77	85,797
	Site	6,439.00			7.49	48,228
INFLAMABLES						
105	Tankwashing area	10,992.70	APB 25-Jun-98	LAVADEROS DE CISTERNAS, SA	7.49	82,335
106	Site hydrocarbon and derivative warehouse	96,232.40	PAB 03-Oct-88	DECAL ESPAÑA, SA	6.55	630,322
107	Chemical products terminal	32,231.00	O.M. 04-Oct-73	TERMINALES QUÍMICOS, SA	6.55	211,113
108	Chemical products terminal	37,740.00	O.M. 15-Jun-71	TERMINALES PORTUARIAS, SA	6.48	244,555
109	Chemical products terminal	56,129.00	O.M. 27-Jul-71	TERMINALES PORTUARIAS, SA	6.48	363,716
110	Petrol products terminal	36,285.00	APB 15-Feb-95	TERMINALES PORTUARIAS, SA	6.55	237,667
111	Site for liquid product warehouse	16,930.37	O.M. 17-Sep-73	RECEPTORA DE LÍQUIDOS, SA	6.55	110,894
112	Site	154,979.10	O.M. 10-Jun-77	ENAGAS, SA	2.29	354,902
	Submarine emissary	14,080.00			2.42	34,074
113	Wharf for methane tankers	2,000.00	PAB 25-May-81	ENAGAS, SA	6.48	12,960
(*) 114	Water-intake pool	1,096.90	PAB 18-Feb-80	ENAGAS, SA	6.48	7,108 (*)
(*) 115	Pipe bridge	192.50	PAB 18-Feb-80	ENAGAS, SA	2.42	466 (*)
116	Site	9,921.00	PAB 27-May-91	ECOLOGICA IBERICA Y MEDITERRANEA	7.49	74,308
117	Underwater gas pipeline	12,820.00 m. l.	APB 30-Jun-99	ENAGAS, SA	0.13	232,200
118	Drinking water network (sector 4)	3,515.00 m. l.	APB 23-Jul-97	AGUAS DE BARCELONA, SA	-	-
PIPE TRACK						
119	Pipes	1,130.00 m. l.	PAB 3-Oct-89	DECAL ESPAÑA, SA	2.42	2,735
120	Pipes	375.00 m. l.	APB 3-Jun-99	DECAL ESPAÑA, SA	2.42	908
121	Pipes	755.00 m. l.	PAB 31-Jan-89	TERMINALES QUÍMICOS, SA	2.42	1,827
122	Pipes	2,075.00 m. l.	J.P. 12-Dec-74	TERMINALES PORTUARIAS, SA	2.42	5,022
123	Pipes	660.00 m. l.	J.P. 12-Dec-74	TERMINALES PORTUARIAS, SA	2.42	1,597
124	Pipes	1,040.00 m. l.	PAB 1-Jan-91	RECEPTORA DE LÍQUIDOS, SA	2.42	2,517
125	Pipes	300.00 m. l.	PAB 25-May-81	ENAGAS, SA	2.42	726

No.	Designation	Area m2	Date of authorisation	Owner	Levy Euros/m2/year	Annual total (euros)
126	Sections of gas pipeline	3,049.00 m. l.	PAB 27-Apr-81	ENAGAS, SA	2.42	7,379
127	Gas pipeline	2,300.00 m. l.	APB 26-May-99	ENAGAS, SA	2.42	5,566
128	Pipes	1,737.00 m. l.	APB 26-Jun-96	GAS NATURAL SDG, SA	2.42	4,204
Z.A.L. (1ª. FASE)						
129	Block A.1	127,247.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
130	Block A.2	55,395.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
131	Block A.3	48,361.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
132	Block A.4	38,061.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
133	Block A.5	48,120.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
134	Block A.6 (Bar-restaurant)	1,329.00	APB 29-Nov-93	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
135	Block A.7	53,729.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-
136	Block A.8	107,801.00	PAB 27-Apr-92	CENTRO INTERMODAL LOGÍSTICA, SA	-	-

* Withdrawals along the year

3.2. Authorised in 2000

No.	Name	Date of authorisation	Owner	Levy Euros/m2/year	Annual amount (Euros)
1	24 Extension of 24,747 m2 of the surface and facilities of the concession for the storage of molasses and sugar .	APB 26-January-00	TERMINALES PORTUARIAS, SA	6.56	162,340.32
2	Concession for the installation of a container depot, on a surface of 6.2 Ha. (occupation on 31/12/2000: 20,604 m2).	APB 26-January-00	ALMACENES DE DEPÓSITO MARTAINER, SA	6.77	139,489.08
3	Modification of the concession for the reduction, by 16.850 m2, of the surface of the regassing plant.	APB 26-January-00	ENAGÁS, SA	-	-
4	Granting, on a surface of 71,341 m2, of a second right of option for the granting of an administrative concession.	APB 26-January-00	ENAGÁS, SA	2.62	186,913.42

No.	Name	Date of authorisation	Owner	Levy Euros/m2 /year	Annual amount (Euros)
5	Modification of the concession with the reduction, by 5,007 m2, of the area of the concession.	APB 26-January-00	COMERCIALIZADORA MED. DE CEMENTOS, SA	4.03	20,178.21
6	Concession for the operation of an existing sea water gathering pool (192.5 m2 on land and 1.096,9 m2 on water).	APB 23-February-00	ENAGÁS, SA	2,42/6,77	7,891.86
7	Concession for the operation of the existing BAPRAT oil pipeline, the length of which within the port area is 2,175 m.	APB 23-February-00	Cía. LOGÍSTICA DE HIDROCARBUROS, SA	-	-
8	Reduction, by 143.6 m2, of the surface of the concession on an animal quarantine unit and a livestock laboratory.	APB 26-April-00	GENERALITAT CAT. (Dept. Agriculture Livestock and Fishing)	3.03	435.11
9	Concession for the operation of an existing sea water gathering pool (679 m2 on land and 625 m2 on water).	APB 31-May-00 INV.	ENAGÁS, SA	2,42/3,39	3,761.93
10	Authorisation for the activity of transporting crew from anchored vessels to and from the wharf.	APB 21-June-00	SPRA, SA	-	-
11	Concession for the installation of a port terminals park on a surface of some 49 Ha. (occupation at 31/12/2000: 129,365 m2).	APB 19-July-00	MUELLES Y ESPACIOS PORTUARIOS, SA	1.99	257,436.35
12	Modification of the concession on industrial premises for the storage of flax and enlargement by 5,400 m2, of the surface of the concession.	APB 27-Sept-00 TERM.	NAVIERA DEL ODIEL DE CONTENEDORES, SA	7.49	40,446.00
13	Modification of the works to be performed on the concession on a sports complex (construction of a covered pool instead of an athletics track) and delimiting of the surface of the concession (8,911.4 m2.).	APB 27-Sept-00 TERM.	AJUNTAMENT DE BARCELONA	1.13	10,069.88
14	Concession for the construction and the running of a centre providing assistance and professional training.	APB 25-October-00	ESTIBARNA	6.77	8,124.00
15	Concession for the fitting and operation of five small buildings on the terrace of the Bosch I Alsina Wharf.	APB 29-Nov.-00	AJUNTAMENT DE BARCELONA	-	-
16	Extinction of the concession for the export of cement and clinker, and granting of a new concession on the same facilities.	APB 13-Dec-00 TERM.	PORTCEMEN, SA	9.19	98,105.08



4 Traffic statistics

This chapter provides an extensive description of traffic in the Port of Barcelona during 2000.

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.

Traffic statistics

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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	370,836	41,275	145,039	557,150	0
Departures	398,866	36,996	146,072	581,934	0
Entries+Departures	769,702	78,271	291,111	1,139,084	199,226
In transit	0	0	285,537	285,537	0
TOTAL	769,702	78,271	576,648	1,424,621	199,226

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

Port of origin or destination	Entries	Departures	Total
Palma de Mallorca	240,899	259,155	500,054
Eivissa + Maó + Rest of domestic	129,937	139,711	269,648
Total domestic	370,836	398,866	769,702
Foreign-pleasure cruise traffic-	41,275	36,996	78,271
Total foreign	41,275	36,996	78,271
TOTAL	412,111	435,862	847,973

4.1.2. Cars with passengers. Number of units

	Domestic	Foreign	Total
Entries	81,002	6,903	87,905
Departures	85,857	6,432	92,289
TOTAL	166,859	13,335	180,194

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	2,715	135	351	1,106	1,123	0	0
GT	21,853,315	221,167	1,289,776	7,071,833	13,270,539	0	0
Foreign							
Number	203	18	51	45	89	0	0
GT	1,601,075	34,589	226,141	279,274	1,061,071	0	0
TOTAL SPANISH							
Number	2,918	153	402	1,151	1,212	0	0
GT	23,454,390	255,756	1,515,917	7,351,107	14,331,610	0	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
FOREIGN							
Domestic							
Number	321	15	23	19	264	0	0
GT	6,788,322	29,042	91,585	138,698	6,528,997	0	0
Foreign							
Number	5,899	774	920	1,267	1,516	1,184	238
GT	98,915,714	1,692,910	3,745,896	9,623,927	26,075,043	43,031,868	14,746,070
TOTAL FOREIGN							
Number	6,220	789	943	1,286	1,780	1,184	238
GT	105,704,036	1,721,952	3,837,481	9,762,625	32,604,040	43,031,868	14,746,070
TOTALS							
Domestic							
Number	3,036	150	374	1,125	1,387	0	0
GT	28,641,637	250,209	1,381,361	7,210,531	19,799,536	0	0
Foreign							
Number	6,102	792	971	1,312	1,605	1,184	238
G.T	100,516,789	1,727,499	3,972,037	9,903,201	27,136,114	43,031,868	14,746,070
GENERAL TOTAL							
Number	9,138	942	1,345	2,437	2,992	1,184	238
GT	129,158,426	1,977,708	5,353,398	17,113,732	46,935,650	43,031,868	14,746,070
Percentatge of total %							
Number	100.00	10.31	14.72	26.67	32.74	12.96	2.60
GT	100.00	1.53	4.14	13.25	36.34	33.32	11.42

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	86	55	52	1	75	72	1	342
	GT	181,556	200,913	334,766	14,484	1,305,157	2,429,108	53,783	4,519,767
ANTIGUA AND BARBUDA	Calls	116	115	33	15	44	3		326
	GT	284,046	450,475	234,959	201,016	787,394	87,864		2,045,754
NETHERLANDS ANTILLES	Calls	3	11	3	42	1			60
	GT	6,378	53,154	27,915	561,180	19,809			668,436
SAUDI ARABIA	Calls			1					1
	GT			8,197					8,197
ALGERIA	Calls	6	2	59			9		76
	GT	17,178	9,615	380,228			273,114		680,135
AUSTRIA	Calls	2	25						27
	GT	4,898	123,250						128,148
AZERBAIJAN	Calls		1						1
	GT		3,714						3,714
BAHAMAS	Calls	11	50	42	14	66	46	22	251
	GT	16,301	207,808	273,577	183,520	1,386,490	1,518,303	1,202,526	4,788,525

		Up to 3,000 GT	From 3,001 to 5,000 GT	From 5,001 to 10,000 GT	From 10,001 to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
BARBADOS	Calls	14				1			15
	GT	33,472				17,815			51,287
BELIZE	Calls	1							1
	GT	1,044							1,044
BERMUDAS	Calls				1	9		6	16
	GT				12,500	146,529		652,836	811,865
BOLIVIA	Calls		1						1
	GT		4,909						4,909
BULGARIA	Calls	3		59	3	1			66
	GT	6,535		518,200	37,662	23,363			585,760
CAMBODIA	Calls	5	3						8
	GT	13,108	12,561						25,669
CAYMAN ISLANDS	Calls	4	1	1	4	2			12
	GT	8,936	3,206	7,720	59,600	34,843			114,305
SOUTH COREA	Calls					1	1	5	7
	GT					24,550	40,772	262,110	327,432
CROATIA	Calls	1		2					3
	GT	2,337		11,238					13,575
CHILE	Calls						1		1
	GT						41,208		41,208
CHINA	Calls			10	12		11		33
	GT			75,890	163,380		514,654		753,924
CYPRUS	Calls	51	18	28	21	67	17		202
	GT	122,054	70,567	229,945	278,897	1,284,866	532,815		2,519,144
DENMARK	Calls	18		15	30	43			106
	GT	26,522		111,631	362,280	851,226			1,351,659
EGYPT	Calls	1	10	24	10				45
	GT	1,981	46,880	208,844	120,760				378,465
SPAIN	Calls	153	402	1,151	1,172	40			2,918
	GT	255,756	1,515,917	7,351,107	13,634,706	696,904			23,454,390
ESTONIA	Calls			4	1				5
	GT			30,424	10,069				40,493
ETHIOPIA	Calls				8				8
	GT				96,494				96,494
PHILIPPINES	Calls			1		1	3		5
	GT			7,637		19,340	137,388		164,365
FINLAND	Calls	1	1						2
	GT	247	4,295						4,542
FRANCE	Calls	6	15	35	6	9	5	2	78
	GT	14,748	53,394	271,971	83,966	154,281	186,275	106,818	871,453
GEORGIA	Calls	1							1
	GT	1,594							1,594
GIBRALTAR	Calls			1					1
	GT			6,705					6,705
GREECE	Calls	31		10	56	72	4		173
	GT	66,862		69,615	663,700	1,241,358	145,020		2,186,555

		Up to 3,000 GT	From 3,001 to 5,000 GT	From 5,001 to 10,000 GT	From 10,001 to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
EQUATORIAL GUINEA	Calls	1							1
	GT	2,760							2,760
HONDURAS	Calls	11							11
	GT	18,151							18,151
HONG KONG	Calls			1		1	6		8
	GT			5,926		17,018	246,795		269,739
INDIA	Calls					23			23
	GT					505,434			505,434
IRAN	Calls					1			1
	GT					15,670			15,670
IRLANDA	Calls			1					1
	GT			8,351					8,351
MARSHALL ISLANDS	Calls					12	15		27
	GT					269,938	462,789		732,727
ISRAEL	Calls			29			105		134
	GT			223,967			4,145,751		4,369,718
ITALY	Calls	65	69	35	29	395	233	16	842
	GT	137,033	291,107	268,889	380,693	8,764,624	8,445,244	862,875	19,150,465
JAPAN	Calls						15	4	19
	GT						642,853	208,090	850,943
LEBANON	Calls	1	1	11					13
	GT	1,689	4,592	99,621					105,902
LIBERIA	Calls	10	53	14	33	93	200	66	469
	GT	27,038	205,761	99,293	415,746	1,815,119	6,327,825	4,617,106	13,507,888
LIBIA	Calls			12					12
	GT			75,617					75,617
LITHUANIA	Calls		1						1
	GT		3,936						3,936
LUXEMBOURG	Calls	1	3	5	2	2			13
	GT	2,522	13,275	26,785	21,862	38,578			103,022
MALAYSIA	Calls		1	1	1	4	16		23
	GT		4,269	9,951	10,230	81,276	631,609		737,335
MALTA	Calls	27	128	182	29	146	23		535
	GT	51,775	529,623	1,310,979	348,745	2,598,313	697,416		5,536,851
MOROCCO	Calls		78	49	1	2			130
	GT		307,055	343,455	11,515	32,954			694,979
MAURITIUS	Calls					10			10
	GT					231,226			231,226
MYANMAR	Calls					1			1
	GT					21,142			21,142
NORWAY	Calls	3	13	19	12	33	18	20	118
	GT	6,357	57,592	153,944	139,455	600,198	810,531	1,302,586	3,070,663
NETHERLANDS	Calls	65	61	137	6	1	44	6	320
	GT	131,019	269,829	869,917	70,460	19,889	1,907,775	336,907	3,605,796
PANAMA	Calls	66	9	56	46	150	198	53	578
	GT	154,856	37,645	405,873	606,967	3,192,402	6,951,022	2,952,518	14,301,283

		Up to 3,000 GT	From 3,001 to 5,000 GT	From 5,001 to 10,000 GT	From 10,001 to 15,000 GT	From 15,001 to 25,000 GT	From 25,001 to 50,000 GT	More than 50,000 GT	Total
POLAND	Calls					3			3
	GT					59,687			59,687
PORTUGAL	Calls	25	128	27					180
	GT	49,282	486,258	197,749					733,289
UNITED KINGDOM	Calls	13	6	146	5	14	12	8	204
	GT	36,550	25,539	1,329,690	65,299	297,528	466,120	541,555	2,762,281
ROMANIA	Calls	1							1
	GT	2,075							2,075
RUSSIA	Calls	8	5	1	2	2			18
	GT	15,809	19,952	5,370	23,747	35,419			100,297
SAN VICENT AND LES GRANADINES	Calls	32	33	55	1	19	5		145
	GT	64,947	140,096	483,103	12,214	347,654	161,130		1,209,144
SAO TOME ET PRINCIPE	Calls	4	1						5
	GT	9,757	4,154						13,911
SINGAPUR	Calls			1	5	12	79	7	104
	GT			5,266	61,888	244,957	3,498,160	400,568	4,210,839
SYRIA	Calls	1		2					3
	GT	1,799		11,439					13,238
SWEDEN	Calls	1				4		13	18
	GT	402				67,788		701,015	769,205
SWITZERLAND	Calls	22	7	1					30
	GT	65,978	28,889	5,401					100,268
THAILAND	Calls				2				2
	GT				25,003				25,003
TAIWAN (REPUBLIC OF CHINA)	Calls						41	4	45
	GT						1,663,301	266,940	1,930,241
TUNISIA	Calls					36	1		37
	GT					642,913	31,000		673,913
TURKEY	Calls	54	37	120		4			215
	GT	98,655	158,813	1,004,915		75,457			1,337,840
TUVALU	Calls	1							1
	GT	2,119							2,119
UKRAINE	Calls	16	1	1	20	1			39
	GT	31,582	4,355	7,662	255,944	15,791			315,334
VANUATU	Calls					1	1	5	7
	G.T.					16,768	36,026	277,837	330,631
TOTAL	Calls	942	1,345	2,437	1,590	1,402	1,184	238	9,138
	G.T.	1,977,708	5,353,398	17,113,732	18,933,982	28,001,668	43,031,868	14,746,070	129,158,426

4.2.1.3. Distribution by type of vessel

Type of vessel		Spanish	Foreign	Totals
TANKERS (General)	Number	60	705	765
	GT	416,274	9,521,762	9,938,036
BULK CARRIERS	Number	37	130	167
	GT	180,973	2,915,886	3,096,859
GENERAL CARGO (LO-LO)	Number	324	1,462	1,786
	GT	1,214,029	7,672,160	8,886,189
REFRIGERATORS	Number		49	49
	GT		589,751	589,751
RO-RO CARGO	Number	470	732	1,202
	GT	3,382,613	9,455,717	12,838,330
PASSENGERS ONLY	Number		491	491
	GT		15,454,678	15,454,678
RO-RO (Cargo and Passengers)	Number	1,661	531	2,192
	GT	15,196,448	13,644,533	28,840,981
CONTAINER CARRIERS	Number	280	1,474	1,754
	GT	2,269,222	29,908,434	32,177,656
TANKERS	Number	41	101	142
	GT	547,027	2,623,354	3,170,381
CAR-CARRIERS	Number	45	545	590
	GT	247,804	13,917,761	14,165,565
TOTAL	Number	2,918	6,220	9,138
	GT	23,454,390	105,704,036	129,158,426

4.2.2. Warships entering during the year

Vessels	Spanish	Foreign	Total
Number	11	25	36
Displacement in tonnes	21,220	172,797	194,017

4.2.3. Fishing vessels

Vessels		Total	Deep sea	Coastal
Registered during the year to 31 December	Number	0	0	0
	GT	0	0	0
Based in the port	Number	99	0	99
	GT	3,565	0	3,565

4.2.4. Pleasure craft

Vessels		Total
Registered during the year to 31 December	Number	988
	GT	4,940
Based in the port	Number	577
	GT	10,386

4.3. Goods

4.3.1. Goods by wharves and service berths

4.3.1.1. Unloaded by wharves and service berths

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total unloaded	8,270,897	100.00	1,059,570	7,211,327
BULK LIQUIDS				
NATURAL GAS	0	0.00	0	0
DIESEL OIL	0	0.00	0	0
GASOLINE	0	0.00	0	0
CAUSTIC SODA	0	0.00	0	0
FUEL-OIL	0	0.00	0	0
METHANOL, PROPANOL, BUTANOL	0	0.00	0	0
BULK PALM OIL	0	0.00	0	0
XYLENE, TOLUENE, BENZENE,...	0	0.00	0	0
BULK SOYA OIL	0	0.00	0	0
COCONUT OIL (COPRA), PALMIST	0	0.00	0	0
SULPHURIC ACID	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00	0	0
MOLASSES WITH SPECIAL FACILITY	0	0.00	0	0
LUBRICANTS	0	0.00	0	0
ORGANIC-INORGANIC CHEMICAL PRODUCTS	0	0.00	0	0
HALOGENATED CHEMICAL PRODUCTS	0	0.00	0	0
ADDITIVE FOR MAKING LUBRICANTS	0	0.00	0	0
ORGANIC THIOCOMPOUNDS	0	0.00	0	0
OTHER BULK LIQUIDS	0	0.00	0	0
TOTAL	0	0.00	0	0
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00	0	0
BULK CEMENT AND CLINKER	0	0.00	0	0
WHEAT	0	0.00	0	0
MAIZE	0	0.00	0	0
POTASSIUM CHLORIDE	0	0.00	0	0
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	0	0.00	0	0
IRON ORE, BURNT PYRITES	0	0.00	0	0

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	0	0.00	0	0
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00		
PETROLIUM COKE	83,847	1.01		83,847
COMMON SALT	20,077	0.24	14,077	6,000
PERLITE, VERMICULITE, SEPIOLITE	42,936	0.52		42,936
SCRAP IRON	37,767	0.46		37,767
ALUMINIUM ORES, BAUXITE	31,007	0.37		31,007
GROUND GLASS	18,131	0.22		18,131
CLAYS	15,776	0.19		15,776
PEAS	13,402	0.16		13,402
KAOLIN AND OTHER KAOLINIC CLAYS	12,000	0.15		12,000
SOYA FLOUR	0	0.00		
OTHERS	21,531	0.26		21,531
TOTAL	296,475	3.58	14,077	282,398
GENERAL CARGO				
NEW CARS	240,571	2.91	17,888	222,683
LAMINATED STEEL	714,886	8.64	5	714,881
PERSONAL BELONGINGS	182,935	2.21	8,676	174,259
COFFEE	278,418	3.37	0	278,417
TILES	103,753	1.25	196	103,556
FOOD PREPARATIONS	25,459	0.31	2,017	23,442
BOTTLED GRAPE WINE	51,216	0.62	386	50,831
ETHYLENE POLYMERS	71,541	0.86	174	71,368
MARBLE	83,998	1.02	83	83,915
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATI	39,800	0.48	21	39,778
MALT BEER, BOTTLED	36,511	0.44	1,180	35,331
PAPER AND CARDBOARDS	51,426	0.62	237	51,189
MINERAL WATERS	0	0.00		
STUCCOED PAPERS AND CARDBOARDS	4,981	0.06		4,981
DITHIONIC CHEMICAL PRODUCTS	55,211	0.67	34	55,176
WASTE PAPER	82,070	0.99	20,051	62,019
PLASTIC MANUFACTURED GOODS	63,517	0.77	93	63,423
DETERGENTS	0	0.00		
OTHER FURNITURE AND THEIR PARTS	42,700	0.52	1,348	41,352
ACCELERATING CHEMICAL PRODUCTS	59,634	0.72		59,634
PULSES AND DRIED VEGETABLES	46,441	0.56		46,441
FROZEN FISH	51,448	0.62	1,253	50,195
MACHINERY, NOT SPECIFIED	53,705	0.65	322	53,384
CEMENT , IN SACKS	0	0.00		
NON-DRIED ALFALFA	0	0.00		
POLIACETATES, OTHER POLYESTERS AND RESINS	21,646	0.26	580	21,066
NON-ALLOYED IRON AND STEEL, INGOTS	52,314	0.63	2	52,312
OLIVE OIL, BOTTLED	0	0.00		
POLYCARBOXYLIC ACIDS	61,262	0.74		61,262

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
BRICKS	0	0.00		
NEW TYRES	26,534	0.32	14	26,520
KRAFT PAPER AND CARDBOARDS	27,603	0.33		27,603
TRUCKS	19,025	0.23	1,097	17,927
RESINS	19,291	0.23	55	19,236
PAPER IN ROLLS AND SHEETS FOR PRINTING	29,138	0.35	73	29,065
STEEL BARS	9,430	0.11	61	9,369
FOOD PRODUCTS, ANIMAL-BASED	5,651	0.07	5,377	274
CUT WOOD (NOT CONIFERS)	8,993	0.11	21	8,972
CAST GLASS	2,735	0.03	65	2,670
PLASTIC CAPSULES AND COVERS	5,477	0.07	2,569	2,909
MISCELLANEOUS GOODS	5,345,103	64.63	981,614	4,363,489
TOTAL	7,974,422	96.42	1,045,493	6,928,929

4.3.1.2. Loaded on service wharves and berths

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total loaded	9,831,545	100.00	3,162,984	6,668,561
BULK LIQUIDS				
NATURAL GAS	0	0.00		
DIESEL OIL	0	0.00		
GASOLINE	0	0.00		
CAUSTIC SODA	0	0.00		
FUEL-OIL	0	0.00		
METHANOL, PROPANOL, BUTANOL	0	0.00		
BULK PALM OIL	0	0.00		
XYLENE, TOLUENE, BENZENE,...	0	0.00		
BULK SOYA OIL	0	0.00		
COCONUT OIL (COPRA), PALMIST	0	0.00		
SULPHURIC ACID	0	0.00		
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00		
MOLASSES WITH SPECIAL FACILITY	0	0.00		
LUBRICANTS	0	0.00		
ORGANIC-INORGANIC CHEMICAL PRODUCTS	0	0.00		
HALOGENATED CHEMICAL PRODUCTS	0	0.00		
ADDITIVE FOR MAKING LUBRICANTS	0	0.00		
ORGANIC THIOCOMPOUNDS	0	0.00		
OTHER BULK LIQUIDS	0	0.00		
TOTAL	0	0.00	0	0
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00		
BULK CEMENT AND CLINKER	0	0.00		
WHEAT	0	0.00		
MAIZE	0	0.00		
POTASSIUM CHLORIDE	0	0.00		

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
DRY PULSES WITHOUT POD	0	0.00		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM	0	0.00		
PULPS, OILCAKES AND MEALS	0	0.00		
IRON ORE, BURNT PYRITES	0	0.00		
OTHER BULKS PER FACILITY	0	0.00		
TOTAL	0	0.00	0	0
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	175,378	1.78	11,733	163,645
PETROLIUM COKE	0	0.00		
COMMON SALT	37,041	0.38	25,251	11,790
PERLITE, VERMICULITE, SEPIOLITE	0	0.00		
SCRAP IRON	0	0.00		
ALUMINIUM ORES, BAUXITE	0	0.00		
GROUND GLASS	0	0.00		
CLAYS	0	0.00		
PEAS	0	0.00		
KAOLIN AND OTHER KAOLINIC CLAYS	0	0.00		
SOYA FLOUR	8,567	0.09		8,567
OTHERS	0	0.00		
TOTAL	220,986	2.25	36,984	184,002
GENERAL CARGO				
NEW CARS	517,847	5.27	107,163	410,684
LAMINATED STEEL	0	0.00		
PERSONAL BELONGINGS	381,688	3.88	315,684	66,004
COFFEE	97,565	0.99	1,503	96,062
TILES	247,685	2.52	54,199	193,486
FOOD PREPARATIONS	237,982	2.42	204,875	33,107
BOTTLED GRAPE WINE	171,817	1.75	46,053	125,764
ETHYLENE POLYMERS	131,781	1.34	3,442	128,339
MARBLE	89,023	0.91	3,610	85,413
CHEMICAL PRODUCTS - AGGLUTINATING PREPARA	98,061	1.00	13,557	84,504
MALT BEER, BOTTLED	98,558	1.00	87,165	11,394
PAPER AND CARDBOARDS	81,197	0.83	3,490	77,707
MINERAL WATERS	128,762	1.31	95,822	32,940
STUCCOED PAPERS AND CARDBOARDS	113,570	1.16	7,480	106,090
DITHIONIC CHEMICAL PRODUCTS	59,021	0.60	532	58,489
WASTE PAPER	31,892	0.32	1,933	29,959
PLASTIC MANUFACTURED GOODS	50,417	0.51	8,585	41,831
DETERGENTS	113,592	1.16	31,323	82,269
OTHER FURNITURE AND THEIR PARTS	69,082	0.70	32,603	36,479
ACCELERATING CHEMICAL PRODUCTS	50,912	0.52	86	50,826
PULSES AND DRIED VEGETABLES	43,381	0.44	8	43,373
FROZEN FISH	37,895	0.39	10,114	27,780
MACHINERY, NOT SPECIFIED	29,716	0.30	2,858	26,858
CEMENT , IN SACKS	75,416	0.77	67,485	7,930
NON-DRIED ALFALFA	71,423	0.73	51,262	20,162

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
POLIACETATES, OTHER POLYESTERS AND RESINS	48,946	0.50	543	48,403
NON-ALLOYED IRON AND STEEL, INGOTS	18,227	0.19	10,342	7,885
OLIVE OIL, BOTTLED	64,251	0.65	460	63,791
POLYCARBOXYLIC ACIDS	0	0.00		
BRICKS	61,038	0.62	60,986	52
NEW TYRES	30,526	0.31	1,035	29,491
KRAFT PAPER AND CARDBOARDS	27,677	0.28	1,561	26,116
TRUCKS	29,735	0.30	3,086	26,649
RESINS	25,264	0.26	329	24,934
PAPER IN ROLLS AND SHEETS FOR PRINTING	5,288	0.05	856	4,432
STEEL BARS	19,074	0.19	16,921	2,152
FOOD PRODUCTS, ANIMAL-BASED	17,531	0.18	17,364	168
CUT WOOD (NOT CONIFERS)	8,995	0.09	8,585	410
CAST GLASS	13,689	0.14	12,867	822
PLASTIC CAPSULES AND COVERS	6,792	0.07	247	6,545
MISCELLANEOUS GOODS	6,205,244	63.12	1,839,987	4,365,257
TOTAL	9,610,558	97.75	3,126,000	6,484,558

4.3.1.3. Total unloaded and loaded on service wharves and berths

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total unloaded and loaded	18,102,441	100.00	4,222,554	13,879,887
BULK LIQUIDS				
NATURAL GAS	0	0.00	0	0
DIESEL OIL	0	0.00	0	0
GASOLINE	0	0.00	0	0
CAUSTIC SODA	0	0.00	0	0
FUEL-OIL	0	0.00	0	0
METHANOL, PROPANOL, BUTANOL	0	0.00	0	0
BULK PALM OIL	0	0.00	0	0
XYLENE, TOLUENE, BENZENE,...	0	0.00	0	0
BULK SOYA OIL	0	0.00	0	0
COCONUT OIL (COPRA), PALMIST	0	0.00	0	0
SULPHURIC ACID	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	0	0.00	0	0
MOLASSES WITH SPECIAL FACILITY	0	0.00	0	0
LUBRICANTS	0	0.00	0	0
ORGANIC-INORGANIC CHEMICAL PRODUCTS	0	0.00	0	0
HALOGENATED CHEMICAL PRODUCTS	0	0.00	0	0
ADDITIVE FOR MAKING LUBRICANTS	0	0.00	0	0
ORGANIC THIOCOMPOUNDS	0	0.00	0	0
OTHER BULK LIQUIDS	0	0.00	0	0
TOTAL	0	0.00	0	0
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00	0	0

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
BULK CEMENT AND CLINKER	0	0.00	0	0
WHEAT	0	0.00	0	0
MAIZE	0	0.00	0	0
POTASSIUM CHLORIDE	0	0.00	0	0
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	0	0.00	0	0
IRON ORE, BURNT PYRITES	0	0.00	0	0
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	0	0.00	0	0
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	175,378	0.97	11,733	163,645
PETROLIUM COKE	83,847	0.46	0	83,847
COMMON SALT	57,118	0.32	39,328	17,790
PERLITE, VERMICULITE, SEPIOLITE	42,936	0.24	0	42,936
SCRAP IRON	37,767	0.21	0	37,767
ALUMINIUM ORES, BAUXITE	31,007	0.17	0	31,007
GROUND GLASS	18,131	0.10	0	18,131
CLAYS	15,776	0.09	0	15,776
PEAS	13,402	0.07	0	13,402
KAOLIN AND OTHER KAOLINIC CLAYS	12,000	0.07	0	12,000
SOYA FLOUR	8,567	0.05	0	8,567
OTHERS	21,531	0.12	0	21,531
TOTAL	517,461	2.86	51,061	466,400
GENERAL CARGO				
NEW CARS	758,418	4.19	125,051	633,367
LAMINATED STEEL	714,886	3.95	5	714,881
PERSONAL BELONGINGS	564,622	3.12	324,360	240,262
COFFEE	375,983	2.08	1,503	374,480
TILES	351,437	1.94	54,395	297,042
FOOD PREPARATIONS	263,440	1.46	206,892	56,549
BOTTLED GRAPE WINE	223,034	1.23	46,438	176,595
ETHYLENE POLYMERS	203,323	1.12	3,616	199,707
MARBLE	173,021	0.96	3,693	169,327
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	137,861	0.76	13,578	124,283
MALT BEER, BOTTLED	135,069	0.75	88,345	46,724
PAPER AND CARDBOARDS	132,623	0.73	3,727	128,896
MINERAL WATERS	128,762	0.71	95,822	32,940
STUCCOED PAPERS AND CARDBOARDS	118,551	0.65	7,480	111,071
DITHIONIC CHEMICAL PRODUCTS	114,232	0.63	566	113,666
WASTE PAPER	113,962	0.63	21,984	91,977
PLASTIC MANUFACTURED GOODS	113,933	0.63	8,679	105,255
DETERGENTS	113,592	0.63	31,323	82,269
OTHER FURNITURE AND THEIR PARTS	111,781	0.62	33,951	77,830

Goods	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
ACCELERATING CHEMICAL PRODUCTS	110,546	0.61	86	110,460
PULSES AND DRIED VEGETABLES	89,822	0.50	8	89,814
FROZEN FISH	89,343	0.49	11,368	77,975
MACHINERY, NOT SPECIFIED	83,421	0.46	3,179	80,241
CEMENT , IN SACKS	75,416	0.42	67,485	7,930
NON-DRIED ALFALFA	71,423	0.39	51,262	20,162
POLIACETATES, OTHER POLYESTERS AND RESINS	70,592	0.39	1,123	69,469
NON-ALLOYED IRON AND STEEL, INGOTS	70,541	0.39	10,344	60,197
OLIVE OIL, BOTTLED	64,251	0.35	460	63,791
POLYCARBOXYLIC ACIDS	61,262	0.34	0	61,262
BRICKS	61,038	0.34	60,986	52
NEW TYRES	57,061	0.32	1,049	56,012
KRAFT PAPER AND CARDBOARDS	55,280	0.31	1,561	53,719
TRUCKS	48,760	0.27	4,184	44,576
RESINS	44,554	0.25	384	44,170
PAPER IN ROLLS AND SHEETS FOR PRINTING	34,426	0.19	929	33,498
STEEL BARS	28,504	0.16	16,982	11,522
FOOD PRODUCTS, ANIMAL-BASED	23,182	0.13	22,740	442
CUT WOOD (NOT CONIFERS)	17,989	0.10	8,607	9,382
CAST GLASS	16,424	0.09	12,932	3,492
PLASTIC CAPSULES AND COVERS	12,269	0.07	2,816	9,454
MISCELLANEOUS GOODS	11,550,347	63.81	2,821,601	8,728,746
TOTAL	17,584,980	97.14	4,171,493	13,413,487

4.3.2. Handled on private wharves and berths

4.3.2.1. Unloaded on private wharves and berths

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total unloaded	10,518,749	100.00	968,789	9,549,961
BULK LIQUIDS				
NATURAL GAS	3,968,109	0.00	91,009	3,877,101
DIESEL OIL	2,216,115	0.00	154,314	2,061,801
GASOLINE	1,017,813	0.00	320,952	696,861
CAUSTIC SODA	96,771	0.00		96,771
FUEL-OIL	207,385	0.00	182,946	24,439
METHANOL, PROPANOL, BUTANOL	163,654	1.56	603	163,051
BULK PALM OIL	149,291	1.42		149,291
XYLENE, TOLUENE, BENZENE,...	120,877	1.15	49,175	71,702
BULK SOYA OIL	0	0.00		
COCONUT OIL (COPRA), PALMIST	85,476	0.81		85,476
SULPHURIC ACID	79,719	0.76	38,661	41,058
AGGLUTINATING CHEMICAL PRODUCTS	72,760	0.69		72,760
MOLASSES WITH SPECIAL FACILITY	65,187	0.62		65,187
LUBRICANTS	55,245	0.53		55,245
ORGANIC-INORGANIC CHEMICAL PRODUCTS	8,460	0.08		8,460
HALOGENATED CHEMICAL PRODUCTS	9,707	0.09		9,707

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
ADDITIVE FOR MAKING LUBRICANTS	2,277	0.02		2,277
ORGANIC THIOCOMPOUNDS	467	0.00		467
OTHER BULK LIQUIDS	268,844	2.56	32,266	236,578
TOTAL	8,588,159	81.65	869,925	7,718,234
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,308,246	12.44		1,308,246
BULK CEMENT AND CLINKER	205,598	1.95	87,112	118,486
WHEAT	151,883	1.44		151,883
MAIZE	138,233	1.31		138,233
POTASSIUM CHLORIDE	0	0.00		
DRY PULSES WITHOUT POD	61,427	0.58		61,427
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	49,325	0.47		49,325
PULPS, OILCAKES AND MEALS	4,127	0.04		4,127
IRON ORE, BURNT PYRITES	11,752	0.11	11,752	
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	1,930,591	18.35	98,864	1,831,727
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00		
PETROLIUM COKE	0	0.00		
COMMON SALT	0	0.00		
PERLITE, VERMICULITE, SEPIOLITE	0	0.00		
SCRAP IRON	0	0.00		
ALUMINIUM ORES, BAUXITE	0	0.00		
GROUND GLASS	0	0.00		
CLAYS	0	0.00		
PEAS	0	0.00		
KAOLIN AND OTHER KAOLINIC CLAYS	0	0.00		
SOYA FLOUR	0	0.00		
OTHERS	0	0.00		
TOTAL	0	0.00	0	0
GENERAL CARGO				
NEW CARS	0	0.00		
LAMINATED STEEL	0	0.00		
PERSONAL BELONGINGS	0	0.00		
COFFEE	0	0.00		
TILES	0	0.00		
FOOD PREPARATIONS	0	0.00		
BOTTLED GRAPE WINE	0	0.00		
ETHYLENE POLYMERS	0	0.00		
MARBLE	0	0.00		
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0	0.00		
MALT BEER, BOTTLED	0	0.00		
PAPER AND CARDBOARDS	0	0.00		
MINERAL WATERS	0	0.00		
STUCCOED PAPERS AND CARDBOARDS	0	0.00		

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
DITHIONIC CHEMICAL PRODUCTS	0	0.00		
WASTE PAPER	0	0.00		
PLASTIC MANUFACTURED GOODS	0	0.00		
DETERGENTS	0	0.00		
OTHER FURNITURE AND THEIR PARTS	0	0.00		
ACCELERATING CHEMICAL PRODUCTS	0	0.00		
PULSES AND DRIED VEGETABLES	0	0.00		
FROZEN FISH	0	0.00		
MACHINERY, NOT SPECIFIED	0	0.00		
CEMENT , IN SACKS	0	0.00		
NON-DRIED ALFALFA	0	0.00		
POLIACETATES, OTHER POLYESTERS AND RESINS	0	0.00		
NON-ALLOYED IRON AND STEEL, INGOTS	0	0.00		
OLIVE OIL, BOTTLED	0	0.00		
POLYCARBOXYLIC ACIDS	0	0.00		
BRICKS	0	0.00		
NEW TYRES	0	0.00		
KRAFT PAPER AND CARDBOARDS	0	0.00		
TRUCKS	0	0.00		
RESINS	0	0.00		
PAPER IN ROLLS AND SHEETS FOR PRINTING	0	0.00		
STEEL BARS	0	0.00		
FOOD PRODUCTS, ANIMAL-BASED	0	0.00		
CUT WOOD (NOT CONIFERS)	0	0.00		
CAST GLASS	0	0.00		
PLASTIC CAPSULES AND COVERS	0	0.00		
MISCELLANEOUS GOODS	0	0.00		
TOTAL	0	0.00	0	0

4.3.2.2. Loaded on private wharves and berths

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total loaded	1,183,701	100.00	349,392	834,309
BULK LIQUIDS				
NATURAL GAS	0	0.00		
DIESEL OIL	206	0.02	206	
GASOLINE	117,422	9.92	7,566	109,856
CAUSTIC SODA	114,242	9.65	93,643	20,598
FUEL-OIL	2	0.00		2
METHANOL, PROPANOL, BUTANOL	500	0.04		500
BULK PALM OIL	0	0.00		
XYLENE, TOLUENE, BENZENE,...	3,300	0.28		3,300
BULK SOYA OIL	122,928	10.39		122,928
COCONUT OIL (COPRA), PALMIST	0	0.00		
SULPHURIC ACID	0	0.00		
AGGLUTINATING CHEMICAL PRODUCTS	3,102	0.26		3,102
MOLASSES WITH SPECIAL FACILITY	0	0.00		

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
LUBRICANTS	0	0.00		
ORGANIC-INORGANIC CHEMICAL PRODUCTS	1,884	0.16		1,884
HALOGENATED CHEMICAL PRODUCTS	17	0.00		17
ADDITIVE FOR MAKING LUBRICANTS	514	0.04		514
ORGANIC THIOCOMPOUNDS	467	0.04		467
OTHER BULK LIQUIDS	12,930	1.09		12,930
TOTAL	377,515	31.89	101,415	276,099
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00		
BULK CEMENT AND CLINKER	656,116	55.43	226,665	429,451
WHEAT	0	0.00		
MAIZE	0	0.00		
POTASSIUM CHLORIDE	118,191	9.98	18,701	99,490
DRY PULSES WITHOUT POD	0	0.00		
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	0	0.00		
PULPS, OILCAKES AND MEALS	31,880	2.69	2,611	29,269
IRON ORE, BURNT PYRITES	0	0.00		
OTHER BULKS PER FACILITY	0	0.00	0	
TOTAL	806,187	68.11	247,977	558,210
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00		
PETROLIUM COKE	0	0.00		
COMMON SALT	0	0.00		
PERLITE, VERMICULITE, SEPIOLITE	0	0.00		
SCRAP IRON	0	0.00		
ALUMINIUM ORES, BAUXITE	0	0.00		
GROUND GLASS	0	0.00		
CLAYS	0	0.00		
PEAS	0	0.00		
KAOLIN AND OTHER KAOLINIC CLAYS	0	0.00		
SOYA FLOUR	0	0.00		
OTHERS	0	0.00		
TOTAL	0	0.00	0	0
GENERAL CARGO				
NEW CARS	0	0.00		
LAMINATED STEEL	0	0.00		
PERSONAL BELONGINGS	0	0.00		
COFFEE	0	0.00		
TILES	0	0.00		
FOOD PREPARATIONS	0	0.00		
BOTTLED GRAPE WINE	0	0.00		
ETHYLENE POLYMERS	0	0.00		
MARBLE	0	0.00		
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0	0.00		

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
MALT BEER, BOTTLED	0	0.00		
PAPER AND CARDBOARDS	0	0.00		
MINERAL WATERS	0	0.00		
STUCCOED PAPERS AND CARDBOARDS	0	0.00		
DITHIONIC CHEMICAL PRODUCTS	0	0.00		
WASTE PAPER	0	0.00		
PLASTIC MANUFACTURED GOODS	0	0.00		
DETERGENTS	0	0.00		
OTHER FURNITURE AND THEIR PARTS	0	0.00		
ACCELERATING CHEMICAL PRODUCTS	0	0.00		
PULSES AND DRIED VEGETABLES	0	0.00		
FROZEN FISH	0	0.00		
MACHINERY, NOT SPECIFIED	0	0.00		
CEMENT , IN SACKS	0	0.00		
NON-DRIED ALFALFA	0	0.00		
POLIACETATES, OTHER POLYESTERS AND RESINS	0	0.00		
NON-ALLOYED IRON AND STEEL, INGOTS	0	0.00		
OLIVE OIL, BOTTLED	0	0.00		
POLYCARBOXYLIC ACIDS	0	0.00		
BRICKS	0	0.00		
NEW TYRES	0	0.00		
KRAFT PAPER AND CARDBOARDS	0	0.00		
TRUCKS	0	0.00		
RESINS	0	0.00		
PAPER IN ROLLS AND SHEETS FOR PRINTING	0	0.00		
STEEL BARS	0	0.00		
FOOD PRODUCTS, ANIMAL-BASED	0	0.00		
CUT WOOD (NOT CONIFERS)	0	0.00		
CAST GLASS	0	0.00		
PLASTIC CAPSULES AND COVERS	0	0.00		
MISCELLANEOUS GOODS	0	0.00		
TOTAL	0	0.00	0	0

4.3.2.3. Total unloaded and loaded on private wharves and berths

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total loaded and loaded	11,702,451	100.00	1,318,181	10,384,270
BULK LIQUIDS				
NATURAL GAS	3,968,109	0.00	91,009	3,877,101
DIESEL OIL	2,216,321	0.00	154,520	2,061,801
GASOLINE	1,135,235	0.00	328,518	806,717
CAUSTIC SODA	211,012	0.00	93,643	117,369
FUEL-OIL	207,387	0.00	182,946	24,441
METHANOL, PROPANOL, BUTANOL	164,154	1.40	603	163,551
BULK PALM OIL	149,291	1.28	0	149,291
XYLENE, TOLUENE, BENZENE,...	124,177	1.06	49,175	75,002
BULK SOYA OIL	122,928	1.05	0	122,928

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
COCONUT OIL (COPRA), PALMIST	85,476	0.73	0	85,476
SULPHURIC ACID	79,719	0.68	38,661	41,058
AGGLUTINATING CHEMICAL PRODUCTS	75,862	0.65	0	75,862
MOLASSES WITH SPECIAL FACILITY	65,187	0.56	0	65,187
LUBRICANTS	55,245	0.47	0	55,245
ORGANIC-INORGANIC CHEMICAL PRODUCTS	10,344	0.09	0	10,344
HALOGENATED CHEMICAL PRODUCTS	9,724	0.08	0	9,724
ADDITIVE FOR MAKING LUBRICANTS	2,792	0.02	0	2,792
ORGANIC THIOCOMPOUNDS	934	0.01	0	934
OTHER BULK LIQUIDS	281,774	2.41	32,266	249,508
TOTAL	8,965,673	76.61	971,340	7,994,333
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,308,246	11.18	0	1,308,246
BULK CEMENT AND CLINKER	861,714	7.36	313,777	547,937
WHEAT	151,883	1.30	0	151,883
MAIZE	138,233	1.18	0	138,233
POTASSIUM CHLORIDE	118,191	1.01	18,701	99,490
DRY PULSES WITHOUT POD	61,427	0.52	0	61,427
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	49,325	0.42	0	49,325
PULPS, OILCAKES AND MEALS	36,007	0.31	2,611	33,396
IRON ORE, BURNT PYRITES	11,752	0.10	11,752	0
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	2,736,777	23.39	346,841	2,389,936
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00	0	0
PETROLIUM COKE	0	0.00	0	0
COMMON SALT	0	0.00	0	0
PERLITE, VERMICULITE, SEPIOLITE	0	0.00	0	0
SCRAP IRON	0	0.00	0	0
ALUMINIUM ORES, BAUXITE	0	0.00	0	0
GROUND GLASS	0	0.00	0	0
CLAYS	0	0.00	0	0
PEAS	0	0.00	0	0
KAOLIN AND OTHER KAOLINIC CLAYS	0	0.00	0	0
SOYA FLOUR	0	0.00	0	0
OTHERS	0	0.00	0	0
TOTAL	0	0.00	0	0
GENERAL CARGO				
NEW CARS	0	0.00	0	0
LAMINATED STEEL	0	0.00	0	0
PERSONAL BELONGINGS	0	0.00	0	0
COFFEE	0	0.00	0	0
TILES	0	0.00	0	0
FOOD PREPARATIONS	0	0.00	0	0
BOTTLED GRAPE WINE	0	0.00	0	0

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
ETHYLENE POLYMERS	0	0.00	0	0
MARBLE	0	0.00	0	0
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	0	0.00	0	0
MALT BEER, BOTTLED	0	0.00	0	0
PAPER AND CARDBOARDS	0	0.00	0	0
MINERAL WATERS	0	0.00	0	0
STUCCOED PAPERS AND CARDBOARDS	0	0.00	0	0
DITHIONIC CHEMICAL PRODUCTS	0	0.00	0	0
WASTE PAPER	0	0.00	0	0
PLASTIC MANUFACTURED GOODS	0	0.00	0	0
DETERGENTS	0	0.00	0	0
OTHER FURNITURE AND THEIR PARTS	0	0.00	0	0
ACCELERATING CHEMICAL PRODUCTS	0	0.00	0	0
PULSES AND DRIED VEGETABLES	0	0.00	0	0
FROZEN FISH	0	0.00	0	0
MACHINERY, NOT SPECIFIED	0	0.00	0	0
CEMENT , IN SACKS	0	0.00	0	0
NON-DRIED ALFALFA	0	0.00	0	0
POLIACETATES, OTHER POLYESTERS AND RESINS	0	0.00	0	0
NON-ALLOYED IRON AND STEEL, INGOTS	0	0.00	0	0
OLIVE OIL, BOTTLED	0	0.00	0	0
POLYCARBOXYLIC ACIDS	0	0.00	0	0
BRICKS	0	0.00	0	0
NEW TYRES	0	0.00	0	0
KRAFT PAPER AND CARDBOARDS	0	0.00	0	0
TRUCKS	0	0.00	0	0
RESINS	0	0.00	0	0
PAPER IN ROLLS AND SHEETS FOR PRINTING	0	0.00	0	0
STEEL BARS	0	0.00	0	0
FOOD PRODUCTS, ANIMAL-BASED	0	0.00	0	0
CUT WOOD (NOT CONIFERS)	0	0.00	0	0
CAST GLASS	0	0.00	0	0
PLASTIC CAPSULES AND COVERS	0	0.00	0	0
MISCELLANEOUS GOODS	0	0.00	0	0
TOTAL	0	0.00	0	0

4.3.3. Unloaded and loaded during the year

4.3.3.1. Total unloaded

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total unloaded	18,789,646	100.00	2,028,359	16,761,287
BULK LIQUIDS				
NATURAL GAS	3,968,109	21.12	91,009	3,877,101
DIESEL OIL	2,216,115	11.79	154,314	2,061,801
GASOLINE	1,017,813	5.42	320,952	696,861
CAUSTIC SODA	96,771	0.52	0	96,771
FUEL-OIL	207,385	1.10	182,946	24,439
METHANOL, PROPANOL, BUTANOL	163,654	0.87	603	163,051
BULK PALM OIL	149,291	0.79	0	149,291
XYLENE, TOLUENE, BENZENE,...	120,877	0.64	49,175	71,702
BULK SOYA OIL	0	0.00	0	0
COCONUT OIL (COPRA), PALMIST	85,476	0.45	0	85,476
SULPHURIC ACID	79,719	0.42	38,661	41,058
AGGLUTINATING CHEMICAL PRODUCTS	72,760	0.39	0	72,760
MOLASSES WITH SPECIAL FACILITY	65,187	0.35	0	65,187
LUBRICANTS	55,245	0.29	0	55,245
ORGANIC-INORGANIC CHEMICAL PRODUCTS	8,460	0.05	0	8,460
HALOGENATED CHEMICAL PRODUCTS	9,707	0.05	0	9,707
ADDITIVE FOR MAKING LUBRICANTS	2,277	0.01	0	2,277
ORGANIC THIOCOMPOUNDS	467	0.00	0	467
OTHER BULK LIQUIDS	268,844	1.43	32,266	236,578
TOTAL	8,588,159	45.71	869,925	7,718,234
BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	1,308,246	6.96	0	1,308,246
BULK CEMENT AND CLINKER	205,598	1.09	87,112	118,486
WHEAT	151,883	0.81	0	151,883
MAIZE	138,233	0.74	0	138,233
POTASSIUM CHLORIDE	0	0.00	0	0
DRY PULSES WITHOUT POD	61,427	0.33	0	61,427
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	49,325	0.26	0	49,325
PULPS, OILCAKES AND MEALS	4,127	0.02	0	4,127
IRON ORE, BURNT PYRITES	11,752	0.06	11,752	0
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	1,930,591	10.27	98,864	1,831,727
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	0	0.00	0	0
PETROLIUM COKE	83,847	0.45	0	83,847
COMMON SALT	20,077	0.11	14,077	6,000
PERLITE, VERMICULITE, SEPIOLITE	42,936	0.23	0	42,936
SCRAP IRON	37,767	0.20	0	37,767
ALUMINIUM ORES, BAUXITE	31,007	0.17	0	31,007
GROUND GLASS	18,131	0.10	0	18,131

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
CLAYS	15,776	0.08	0	15,776
PEAS	13,402	0.07	0	13,402
KAOLIN AND OTHER KAOLINIC CLAYS	12,000	0.06	0	12,000
SOYA FLOUR	0	0.00	0	0
OTHERS	21,531	0.11	0	21,531
TOTAL	296,475	1.58	14,077	282,398
GENERAL CARGO				
NEW CARS	240,571	1.28	17,888	222,683
LAMINATED STEEL	714,886	3.80	5	714,881
PERSONAL BELONGINGS	182,935	0.97	8,676	174,259
COFFEE	278,418	1.48	0	278,417
TILES	103,753	0.55	196	103,556
FOOD PREPARATIONS	25,459	0.14	2,017	23,442
BOTTLED GRAPE WINE	51,216	0.27	386	50,831
ETHYLENE POLYMERS	71,541	0.38	174	71,368
MARBLE	83,998	0.45	83	83,915
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	39,800	0.21	21	39,778
MALT BEER, BOTTLED	36,511	0.19	1,180	35,331
PAPER AND CARDBOARDS	51,426	0.27	237	51,189
MINERAL WATERS	0	0.00	0	0
STUCCOED PAPERS AND CARDBOARDS	4,981	0.03	0	4,981
DITHIONIC CHEMICAL PRODUCTS	55,211	0.29	34	55,176
WASTE PAPER	82,070	0.44	20,051	62,019
PLASTIC MANUFACTURED GOODS	63,517	0.34	93	63,423
DETERGENTS	0	0.00	0	0
OTHER FURNITURE AND THEIR PARTS	42,700	0.23	1,348	41,352
ACCELERATING CHEMICAL PRODUCTS	59,634	0.32	0	59,634
PULSES AND DRIED VEGETABLES	46,441	0.25	0	46,441
FROZEN FISH	51,448	0.27	1,253	50,195
MACHINERY, NOT SPECIFIED	53,705	0.29	322	53,384
CEMENT , IN SACKS	0	0.00	0	0
NON-DRIED ALFALFA	0	0.00	0	0
POLIACETATES, OTHER POLYESTERS AND RESINS	21,646	0.12	580	21,066
NON-ALLOYED IRON AND STEEL, INGOTS	52,314	0.28	2	52,312
OLIVE OIL, BOTTLED	0	0.00	0	0
POLYCARBOXYLIC ACIDS	61,262	0.33	0	61,262
BRICKS	0	0.00	0	0
NEW TYRES	26,534	0.14	14	26,520
KRAFT PAPER AND CARDBOARDS	27,603	0.15	0	27,603
TRUCKS	19,025	0.10	1,097	17,927
RESINS	19,291	0.10	55	19,236
PAPER IN ROLLS AND SHEETS FOR PRINTING	29,138	0.16	73	29,065
STEEL BARS	9,430	0.05	61	9,369
FOOD PRODUCTS, ANIMAL-BASED	5,651	0.03	5,377	274
CUT WOOD (NOT CONIFERS)	8,993	0.05	21	8,972
CAST GLASS	2,735	0.01	65	2,670

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
PLASTIC CAPSULES AND COVERS	5,477	0.03	2,569	2,909
MISCELLANEOUS GOODS	5,345,103	28.45	981,614	4,363,489
TOTAL	7,974,422	42.44	1,045,493	6,928,929

4.3.3.2. Total loaded

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total loaded	11,015,246	100.00	3,512,376	7,502,870

BULK LIQUIDS				
NATURAL GAS	0	0.00	0	0
DIESEL OIL	206	0.00	206	0
GASOLINE	117,422	1.07	7,566	109,856
CAUSTIC SODA	114,242	1.04	93,643	20,598
FUEL-OIL	2	0.00	0	2
METHANOL, PROPANOL, BUTANOL	500	0.00	0	500
BULK PALM OIL	0	0.00	0	0
XYLENE, TOLUENE, BENZENE,...	3,300	0.03	0	3,300
BULK SOYA OIL	122,928	1.12	0	122,928
COCONUT OIL (COPRA), PALMIST	0	0.00	0	0
SULPHURIC ACID	0	0.00	0	0
AGGLUTINATING CHEMICAL PRODUCTS	3,102	0.03	0	3,102
MOLASSES WITH SPECIAL FACILITY	0	0.00	0	0
LUBRICANTS	0	0.00	0	0
ORGANIC-INORGANIC CHEMICAL PRODUCTS	1,884	0.02	0	1,884
HALOGENATED CHEMICAL PRODUCTS	17	0.00	0	17
ADDITIVE FOR MAKING LUBRICANTS	514	0.00	0	514
ORGANIC THIOCOMPOUNDS	467	0.00	0	467
OTHER BULK LIQUIDS	12,930	0.12	0	12,930
TOTAL	377,515	3.43	101,415	276,099

BULK SOLIDS FOR SPECIAL FACILITY				
SOYA BEAN	0	0.00	0	0
BULK CEMENT AND CLINKER	656,116	5.96	226,665	429,451
WHEAT	0	0.00	0	0
MAIZE	0	0.00	0	0
POTASSIUM CHLORIDE	118,191	1.07	18,701	99,490
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	31,880	0.29	2,611	29,269
IRON ORE, BURNT PYRITES	0	0.00	0	0
OTHER BULKS PER FACILITY	0	0.00	0	0
TOTAL	806,187	7.32	247,977	558,210

BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	175,378	1.59	11,733	163,645

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
PETROLIUM COKE	0	0.00	0	0
COMMON SALT	37,041	0.34	25,251	11,790
PERLITE, VERMICULITE, SEPIOLITE	0	0.00	0	0
SCRAP IRON	0	0.00	0	0
ALUMINIUM ORES, BAUXITE	0	0.00	0	0
GROUND GLASS	0	0.00	0	0
CLAYS	0	0.00	0	0
PEAS	0	0.00	0	0
KAOLIN AND OTHER KAOLINIC CLAYS	0	0.00	0	0
SOYA FLOUR	8,567	0.08	0	8,567
OTHERS	0	0.00	0	0
TOTAL	220,986	2.01	36,984	184,002
GENERAL CARGO				
NEW CARS	517,847	4.70	107,163	410,684
LAMINATED STEEL	0	0.00	0	0
PERSONAL BELONGINGS	381,688	3.47	315,684	66,004
COFFEE	97,565	0.89	1,503	96,062
TILES	247,685	2.25	54,199	193,486
FOOD PREPARATIONS	237,982	2.16	204,875	33,107
BOTTLED GRAPE WINE	171,817	1.56	46,053	125,764
ETHYLENE POLYMERS	131,781	1.20	3,442	128,339
MARBLE	89,023	0.81	3,610	85,413
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	98,061	0.89	13,557	84,504
MALT BEER, BOTTLED	98,558	0.89	87,165	11,394
PAPER AND CARDBOARDS	81,197	0.74	3,490	77,707
MINERAL WATERS	128,762	1.17	95,822	32,940
STUCCOED PAPERS AND CARDBOARDS	113,570	1.03	7,480	106,090
DITHIONIC CHEMICAL PRODUCTS	59,021	0.54	532	58,489
WASTE PAPER	31,892	0.29	1,933	29,959
PLASTIC MANUFACTURED GOODS	50,417	0.46	8,585	41,831
DETERGENTS	113,592	1.03	31,323	82,269
OTHER FURNITURE AND THEIR PARTS	69,082	0.63	32,603	36,479
ACCELERATING CHEMICAL PRODUCTS	50,912	0.46	86	50,826
PULSES AND DRIED VEGETABLES	43,381	0.39	8	43,373
FROZEN FISH	37,895	0.34	10,114	27,780
MACHINERY, NOT SPECIFIED	29,716	0.27	2,858	26,858
CEMENT , IN SACKS	75,416	0.68	67,485	7,930
NON-DRIED ALFALFA	71,423	0.65	51,262	20,162
POLIACETATES, OTHER POLYESTERS AND RESINS	48,946	0.44	543	48,403
NON-ALLOYED IRON AND STEEL, INGOTS	18,227	0.17	10,342	7,885
OLIVE OIL, BOTTLED	64,251	0.58	460	63,791
POLYCARBOXYLIC ACIDS	0	0.00	0	0
BRICKS	61,038	0.55	60,986	52
NEW TYRES	30,526	0.28	1,035	29,491
KRAFT PAPER AND CARDBOARDS	27,677	0.25	1,561	26,116
TRUCKS	29,735	0.27	3,086	26,649
RESINS	25,264	0.23	329	24,934

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
PAPER IN ROLLS AND SHEETS FOR PRINTING	5,288	0.05	856	4,432
STEEL BARS	19,074	0.17	16,921	2,152
FOOD PRODUCTS, ANIMAL-BASED	17,531	0.16	17,364	168
CUT WOOD (NOT CONIFERS)	8,995	0.08	8,585	410
CAST GLASS	13,689	0.12	12,867	822
PLASTIC CAPSULES AND COVERS	6,792	0.06	247	6,545
MISCELLANEOUS GOODS	6,205,244	56.33	1,839,987	4,365,257
TOTAL	9,610,558	87.25	3,126,000	6,484,558

4.3.3.3. Total unloaded and loaded

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
Total unloaded and loaded	29,804,892	100.00	5,540,735	24,264,157

BULK LIQUIDS

NATURAL GAS	3,968,109	13.31	91,009	3,877,101
DIESEL OIL	2,216,321	7.44	154,520	2,061,801
GASOLINE	1,135,235	3.81	328,518	806,717
CAUSTIC SODA	211,012	0.71	93,643	117,369
FUEL-OIL	207,387	0.70	182,946	24,441
METHANOL, PROPANOL, BUTANOL	164,154	0.55	603	163,551
BULK PALM OIL	149,291	0.50	0	149,291
XYLENE, TOLUENE, BENZENE,...	124,177	0.42	49,175	75,002
BULK SOYA OIL	122,928	0.41	0	122,928
COCONUT OIL (COPRA), PALMIST	85,476	0.29	0	85,476
SULPHURIC ACID	79,719	0.27	38,661	41,058
AGGLUTINATING CHEMICAL PRODUCTS	75,862	0.25	0	75,862
MOLASSES WITH SPECIAL FACILITY	65,187	0.22	0	65,187
LUBRICANTS	55,245	0.19	0	55,245
ORGANIC-INORGANIC CHEMICAL PRODUCTS	10,344	0.03	0	10,344
HALOGENATED CHEMICAL PRODUCTS	9,724	0.03	0	9,724
ADDITIVE FOR MAKING LUBRICANTS	2,792	0.01	0	2,792
ORGANIC THIOCOMPOUNDS	934	0.00	0	934
OTHER BULK LIQUIDS	281,774	0.95	32,266	249,508
TOTAL	8,965,673	30.08	971,340	7,994,333

BULK SOLIDS FOR SPECIAL FACILITY

SOYA BEAN	1,308,246	4.39	0	1,308,246
BULK CEMENT AND CLINKER	861,714	2.89	313,777	547,937
WHEAT	151,883	0.51	0	151,883
MAIZE	138,233	0.46	0	138,233
POTASSIUM CHLORIDE	118,191	0.40	18,701	99,490
DRY PULSES WITHOUT POD	61,427	0.21	0	61,427
CARBONATE OF AMMONIUM, POTASSIUM, CALCIUM, BARIUM, LEAD	49,325	0.17	0	49,325
PULPS, OILCAKES AND MEALS	36,007	0.12	2,611	33,396
IRON ORE, BURNT PYRITES	11,752	0.04	11,752	0
OTHER BULKS PER FACILITY	0	0.00	0	0

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
TOTAL	2,736,777	9.18	346,841	2,389,936
BULK SOLID WITHOUT SPECIAL FACILITY				
BULK FERTILISERS USING ANTIPOLLUTION MEANS	175,378	0.59	11,733	163,645
PETROLIUM COKE	83,847	0.28	0	83,847
COMMON SALT	57,118	0.19	39,328	17,790
PERLITE, VERMICULITE, SEPIOLITE	42,936	0.14	0	42,936
SCRAP IRON	37,767	0.13	0	37,767
ALUMINIUM ORES, BAUXITE	31,007	0.10	0	31,007
GROUND GLASS	18,131	0.06	0	18,131
CLAYS	15,776	0.05	0	15,776
PEAS	13,402	0.04	0	13,402
KAOLIN AND OTHER KAOLINIC CLAYS	12,000	0.04	0	12,000
SOYA FLOUR	8,567	0.03	0	8,567
OTHERS	21,531	0.07	0	21,531
TOTAL	495,930	1.66	51,061	466,400
GENERAL CARGO				
NEW CARS	758,418	2.54	125,051	633,367
LAMINATED STEEL	714,886	2.40	5	714,881
PERSONAL BELONGINGS	564,622	1.89	324,360	240,262
COFFEE	375,983	1.26	1,503	374,480
TILES	351,437	1.18	54,395	297,042
FOOD PREPARATIONS	263,440	0.88	206,892	56,549
BOTTLED GRAPE WINE	223,034	0.75	46,438	176,595
ETHYLENE POLYMERS	203,323	0.68	3,616	199,707
MARBLE	173,021	0.58	3,693	169,327
CHEMICAL PRODUCTS - AGGLUTINATING PREPARATIONS	137,861	0.46	13,578	124,283
MALT BEER, BOTTLED	135,069	0.45	88,345	46,724
PAPER AND CARDBOARDS	132,623	0.44	3,727	128,896
MINERAL WATERS	128,762	0.43	95,822	32,940
STUCCOED PAPERS AND CARDBOARDS	118,551	0.40	7,480	111,071
DITHIONIC CHEMICAL PRODUCTS	114,232	0.38	566	113,666
WASTE PAPER	113,962	0.38	21,984	91,977
PLASTIC MANUFACTURED GOODS	113,933	0.38	8,679	105,255
DETERGENTS	113,592	0.38	31,323	82,269
OTHER FURNITURE AND THEIR PARTS	111,781	0.38	33,951	77,830
ACCELERATING CHEMICAL PRODUCTS	110,546	0.37	86	110,460
PULSES AND DRIED VEGETABLES	89,822	0.30	8	89,814
FROZEN FISH	89,343	0.30	11,368	77,975
MACHINERY, NOT SPECIFIED	83,421	0.28	3,179	80,241
CEMENT , IN SACKS	75,416	0.25	67,485	7,930
NON-DRIED ALFALFA	71,423	0.24	51,262	20,162
POLIACETATES, OTHER POLYESTERS AND RESINS	70,592	0.24	1,123	69,469
NON-ALLOYED IRON AND STEEL, INGOTS	70,541	0.24	10,344	60,197
OLIVE OIL, BOTTLED	64,251	0.22	460	63,791
POLYCARBOXYLIC ACIDS	61,262	0.21	0	61,262
BRICKS	61,038	0.20	60,986	52

Cargo	Total		Domestic (T)	Foreign (T)
	Tonnes	%		
NEW TYRES	57,061	0.19	1,049	56,012
KRAFT PAPER AND CARDBOARDS	55,280	0.19	1,561	53,719
TRUCKS	48,760	0.16	4,184	44,576
RESINS	44,554	0.15	384	44,170
PAPER IN ROLLS AND SHEETS FOR PRINTING	34,426	0.12	929	33,498
STEEL BARS	28,504	0.10	16,982	11,522
FOOD PRODUCTS, ANIMAL-BASED	23,182	0.08	22,740	442
CUT WOOD (NOT CONIFERS)	17,989	0.06	8,607	9,382
CAST GLASS	16,424	0.06	12,932	3,492
PLASTIC CAPSULES AND COVERS	12,269	0.04	2,816	9,454
MISCELLANEOUS GOODS	11,550,347	38.75	2,821,601	8,728,746
TOTAL	17,584,980	59.00	4,171,493	13,413,487

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

Country	Discharged	Loaded	Total	Country	Discharged	Loaded	Total
ALBANIA	12	506	518	JAMAICA	6,239	10,884	17,122
GERMANY	120,601	15,676	136,277	JAPAN	336,628	180,997	517,624
ANGOLA	291	2,370	2,661	JORDAN	892	19,423	20,315
NETHERLANDS ANTILLE	20	28	48	KENYA	50,479	13,413	63,892
SAUDI ARABIA	168,047	83,457	251,504	KUWAIT	25,480	11,715	37,195
ALGERIA	2,883,145	223,293	3,106,438	LATVIA	7,045	4,310	11,354
ARGENTINA	331,277	193,060	524,338	LEBANON	6,032	56,101	62,133
ARUBA		73	73	LIBERIA	1,025	278	1,303
AUSTRALIA	30,777	109,034	139,811	LIBYA	682,741	7,682	690,422
AZERBAIJAN	27	19	46	LITHUANIA	8	966	974
BAHAMAS	107	64	171	MACAO	487	121	608
BAHRAIN	5,297	2,665	7,963	REPUBLIC OF MALGACHE (MADAGASCAR)	3,738	2,108	5,846
BANGLADESH	12,873	7,740	20,612	MALAYSIA	153,345	28,702	182,048
BARBADOS		364	364	MALTA	17,329	39,702	57,031
BELGIUM	92,763	14,796	107,559	MOROCCO	111,161	322,363	433,524
BENIN	4,202	11,425	15,628	MARTINIQUE		1,721	1,721
BERMUDES		202	202	MAURITIUS	6,216	2,016	8,231
BRAZIL	867,484	189,581	1,057,065	MAURITANIA	481	5,624	6,105
BRAZZAVILLE	21	317	339	MEXICO	164,446	152,976	317,422
BRUNEI		20	20	MOZAMBIQUE	3,104	1,330	4,434
BULGARIA	56,581	7,098	63,679	MYANMAR	440	105	546
BURKINA FASO	268	184	453	NAMIBIA	363	72	436
CAMBODIA	97	33	129	NICARAGUA	1,697	991	2,688
CAMEROON	16,862	5,009	21,870	NIGERIA	7,557	43,903	51,460
CANADA	293,760	145,768	439,528	NORWAY	17,694	4,989	22,683
COLOMBIA	25,690	24,163	49,853	NEW CALEDONIAN		532	532
SOUTH KOREA	214,448	78,892	293,340	NEW ZEALAND	7,974	20,391	28,366
CÔTE D'IVOIRE	95,875	42,019	137,893	OMAN	8	3,393	3,401
COSTA RICA	27,096	10,508	37,604	NETHERLANDS	123,993	40,525	164,518
CROATIA		142	142	PANAMA	2,339	6,228	8,568
CUBA	11,260	90,094	101,354				

Country	Discharged	Loaded	Total	Country	Discharged	Loaded	Total
CHILE	44,965	44,877	89,842	PAPUA NEW GUINEA	5,804	346	6,150
CHINA	619,937	129,170	749,107	PAKISTAN	64,408	16,934	81,342
CYPRUS	11,492	31,467	42,959	PARAGUAY	3,101	4,816	7,917
DENMARK	1,027	6,959	7,986	PERU	6,003	13,138	19,141
DJIBOUTI	13,392	4,590	17,982	POLAND	988	12,959	13,947
ECUADOR	8,679	4,636	13,315	PORTUGAL	37,685	94,018	131,703
EGYPT	62,437	182,605	245,042	PUERTO RICO	5,907	19,895	25,802
EL SALVADOR	681	4,327	5,008	QATAR	121,085	1,724	122,809
UNITED ARAB EMIRATE:	14,259	54,829	69,087	UNITED KINGDOM	394,022	87,029	481,051
ERITREA		274	274	DOMINICAN REPUBLIC	8,050	32,127	40,177
SLOVENIA	639	11,483	12,122	REPUBLIC OF SOUTH AFRICA	66,454	92,772	159,226
SPAIN	2,293,900	3,691,307	5,985,207				
UNITED STATES	1,203,233	1,192,705	2,395,938	REPUBLIC OF CONGO	327	3,650	3,977
ESTHONIA	30,376	2,407	32,783	REUNION	4	667	671
ETHIOPIY		27	27	ROMANIA	32,785	9,189	41,974
PHILIPPINES	19,782	13,585	33,367	RUSSIA	246,016	7,048	253,064
FINLAND	20,752	8,048	28,800	SAINT KITTS AND NEVIS		4	4
FIJI	148	44	193	SAN VICENTE AND THE GRANADINAS		45	45
FRANCE	722,481	200,685	923,165				
GABON	469	1,628	2,098	SENEGAL	7,344	41,146	48,490
GAMBIA	21	7,459	7,480	SEYCHELLES	377	131	508
GEORGIA	37,077	5,048	42,125	SIERRA LEONE	12	877	890
GHANA	13,343	23,644	36,987	SINGAPORE	79,896	144,513	224,408
GIBRALTAR	234	52,807	53,041	SYRIA	38,270	44,399	82,669
GRENADA		18	18	SRI LANKA	17,499	17,375	34,874
GREECE	244,948	316,327	561,275	SUDAN	13,383	4,433	17,816
GUADALUPE		666	666	SWEDEN	111,408	12,171	123,579
GUAM		31	31	SWITZERLAND	0		0
GUATEMALA	5,743	8,316	14,059	SURINAM		62	62
FRENCH GUIANA		187	187	TAIWAN (REPUBLIC OF CHINA)	131,307	55,210	186,517
GUINEA	832	5,888	6,720				
EQUATORIAL GUINEA	966	7,127	8,093	TANZANIA	14,530	4,714	19,244
GUIANA		231	231	THAILAND	119,772	28,280	148,052
HAITI	145	4,787	4,931	TOGO	1,156	3,271	4,427
HONDURAS	9,071	3,690	12,761	TRINIDAD AND TOBAGC	578,900	1,011	579,911
HONG KONG	143,883	86,425	230,309	TUNISIA	29,574	163,527	193,101
HUNGARY	52,094	27	52,121	TURKEY	294,097	385,953	680,050
INDIA	290,066	42,236	332,302	UKRAINE	73,223	8,611	81,834
INDONESIA	383,552	33,532	417,084	URUGUAY	17,406	52,583	69,989
IRAK		2,165	2,165	VANUATU	27		27
IRAN	4,612	33,081	37,694	VENEZUELA	87,521	41,130	128,651
IRELAND		27,745	27,745	VIETNAM	80,581	4,270	84,851
ICELAND		640	640	YEMEN	109	2,727	2,836
ISRAEL	154,478	278,958	433,435	YUGOSLAVIA		34,341	34,341
ITALY	2,692,699	833,480	3,526,179	ZAIRE	380.251	122.022	502.273
				TOTAL	18,789,646	11,015,245	29,804,891

4.3.5. Transhipped cargo

(None)

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

Tariff T-3	Domestic and foreign	Local traffic	Total
Group 1	1,627,304	0	1,627,304
Group 2	7,892,134	0	7,892,134
Group 3	4,988,482	0	4,988,482
Group 4	1,615,721	0	1,615,721
Group 5	9,662,828	0	9,662,828
Facilities	4,018,422	0	4,018,422
TOTAL TARIFF T-3	29,804,891	0	29,804,891

4.3.7. Classification of cargo by type (T)

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
ENERGY	33,784	803,559	837,343	153,458	6,937,197	7,090,656	187,243	7,740,756	7,927,999
1 Crude-oil	13	22	35	1,595	463	2,058	1,608	485	2,093
2 Fuel-oil	625	182,951	183,576	702	24,644	25,346	1,327	207,595	208,922
3 Diesel-oil	674	154,314	154,988	19	2,061,824	2,061,843	693	2,216,137	2,216,830
4 Petrol	8,749	320,952	329,701	109,887	696,889	806,776	118,636	1,017,841	1,136,477
6 Other petroleum products	4,083	715	4,798	28,993	91,799	120,793	33,076	92,515	125,590
7 Petroleum fuel gases	16,963	53,586	70,549	10,552	83,878	94,430	27,516	137,464	164,980
12 Petroleum coals and coke	2,639	10	2,649	1,710	100,599	102,310	4,350	100,609	104,959
35 Natural gas	38	91,009	91,047		3,877,101	3,877,101	38	3,968,109	3,968,148
IRON AND STEEL	75,426	58,357	133,783	129,369	1,037,052	1,166,421	204,795	1,095,409	1,300,204
8 Iron ore	504	11,752	12,256	1,720	2,282	4,002	2,225	14,034	16,259
11 Scrap iron	15	46,254	46,269	3,379	40,296	43,675	3,393	86,551	89,944
13 Iron and steel products	74,907	350	75,258	124,270	994,474	1,118,744	199,178	994,824	1,194,002
METALLURGY	36,152	4,457	40,609	295,405	328,424	623,829	331,557	332,881	664,437
9 Pyrites		10	10	343	20	363	343	30	373
10 Other ores	31,532	4,190	35,722	233,831	277,032	510,862	265,362	281,222	546,584
36 Other metallurgical products	4,620	257	4,877	61,232	51,372	112,603	65,852	51,629	117,480
FERTILISERS	35,532	56	35,587	271,200	16,290	287,490	306,731	16,346	323,077
14 Phosphates	0		0	40	210	250	41	210	251
15 Potashes	30,489		30,489	263,673	331	264,004	294,162	331	294,493
16 Natural and artificial fertilisers	5,042	56	5,098	7,487	15,749	23,236	12,529	15,805	28,334
CHEMICALS	273,327	70,843	344,170	1,187,592	1,206,881	2,394,473	1,460,919	1,277,724	2,738,643
17 Chemical products	273,327	70,843	344,170	1,187,592	1,206,881	2,394,473	1,460,919	1,277,724	2,738,643
CONSTRUCTION MATERIALS	523,864	89,602	613,466	829,062	342,421	1,171,483	1,352,926	432,023	1,784,949
5 Asphalt			0	185	130	315	185	130	315
18 Cement and clinker	299,653	87,302	386,956	437,920	122,196	560,117	737,574	209,499	947,072

Cargo	Domestic			Foreign			Total		
	Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
20 Construction materials	224,210	2,300	226,510	390,957	220,094	611,051	615,167	222,394	837,561
AGRICULTURE AND FOODS	961,223	90,408	1,051,631	1,185,148	3,112,180	4,297,328	2,146,371	3,202,588	5,348,960
21 Grain and flour	27,866	250	28,116	21,839	325,795	347,634	49,705	326,045	375,750
22 Soya beans and flour	233		233	60	1,308,330	1,308,390	293	1,308,330	1,308,624
23 Fruit vegetables and pulses	54,416	50,894	105,310	93,164	150,577	243,741	147,580	201,471	349,050
24 Wines, drinks, alcohol and derivatives	304,769	12,578	317,346	217,800	174,265	392,065	522,569	186,843	709,411
27 Canned food	11,248	141	11,389	80,332	75,911	156,243	91,581	76,051	167,632
28 Tobacco, cocoa, coffee and spices	10,873	4,051	14,924	152,632	375,871	528,503	163,505	379,922	543,427
29 Oils and fats	8,683	821	9,504	236,863	323,847	560,710	245,546	324,668	570,213
30 Other food products	411,660	17,594	429,254	233,589	210,533	444,123	645,250	228,127	873,377
33 Frozen fish	10,561	1,267	11,828	27,819	51,448	79,268	38,380	52,716	91,096
37 Feedstuffs	120,913	2,813	123,726	121,051	115,602	236,652	241,964	118,415	360,379
OTHER CARGO	617,017	103,697	720,714	1,682,152	2,159,824	3,841,976	2,299,169	2,263,521	4,562,689
19 Wood and cork	22,852	353	23,205	49,063	124,824	173,887	71,915	125,177	197,092
25 Common salt	27,176	16,163	43,339	15,430	6,502	21,932	42,606	22,665	65,271
26 Paper and pulp	24,412	21,141	45,553	409,243	236,993	646,237	433,656	258,134	691,789
31 Machinery, equipment, tools, spares	75,103	5,200	80,303	422,208	472,606	894,814	497,311	477,807	975,117
34 Other cargo	467,474	60,840	528,314	786,208	1,318,898	2,105,106	1,253,682	1,379,738	2,633,420
SPECIAL TRANSPORT	956,052	807,381	1,763,433	1,769,482	1,621,018	3,390,500	2,725,534	2,428,398	5,153,933
32 Automobiles and parts	115,986	18,590	134,576	572,237	371,761	943,998	688,223	390,351	1,078,574
38 Cargo truck platform tare (Ro-Ro)	518,780	486,565	1,005,346	139,850	136,718	276,568	658,631	623,283	1,281,914
39 Container tare	321,286	302,225	623,511	1,057,395	1,112,539	2,169,934	1,378,681	1,414,764	2,793,445
40 Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
TOTAL	3,512,376	2,028,360	5,540,735	7,502,869	16,761,287	24,264,156	11,015,245	18,789,646	29,804,891

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	7	66,401	26,417	92,825
1 Crude-oil			240	302	542
2 Fuel-oil			161	205	366
3 Diesel-oil					0
4 Petrol			52,622	14,272	66,895
6 Other petroleum products		7	6,193	6,678	12,878
7 Petroleum fuel gases			5,554	3,422	8,976
12 Petroleum coals and coke			1,631	1,537	3,168
35 Natural gas					0
IRON AND STEEL	525	0	36,664	38,298	75,487
8 Iron ore	504		1,396	2,156	4,057
11 Scrap iron			42	50	92

Cargo	Domestic		Foreign		Total transit
	Load	Unload	Load	Unload	
13 Iron and steel products	21		35,225	36,091	71,337
METALLURGY	111	111	92,439	88,498	181,158
9 Pyrites			20	20	41
10 Other ores	111	111	76,079	77,648	153,948
36 Other metallurgical products			16,340	10,830	27,170
FERTILISERS	0	0	1,221	1,257	2,477
14 Phosphates			38	38	77
15 Potashes					0
16 Natural and artificial fertilisers			1,182	1,218	2,400
CHEMICALS	360	497	150,189	159,648	310,694
17 Chemical products	360	497	150,189	159,648	310,694
CONSTRUCTION MATERIALS	69	79	150,983	149,245	300,376
5 Asphalt			130	130	260
18 Cement and clinker	64	64	3,183	3,616	6,928
20 Construction materials	4	15	147,670	145,499	293,188
AGRICULTURE AND FOODS	1,970	2,218	484,515	490,344	979,048
21 Grain and flour			13,502	13,191	26,692
22 Soya beans and flour			21	21	42
23 Fruit vegetables and pulses	6	6	68,324	72,187	140,522
24 Wines, drinks, alcohol and derivatives	241	351	104,333	102,022	206,947
27 Canned food			39,266	39,336	78,602
28 Tobacco, cocoa, coffee and spices	4		103,170	112,164	215,338
29 Oils and fats			31,498	31,306	62,804
30 Other food products	57	72	80,017	76,058	156,203
33 Frozen fish	278		25,210	24,140	49,628
37 Feedstuffs	1,385	1,789	19,175	19,921	42,270
OTHER CARGO	1,093	772	544,304	549,006	1,095,175
19 Wood and cork	22	43	30,771	32,076	62,913
25 Common salt			262	262	524
26 Paper and pulp	31	69	107,973	108,458	216,532
31 Machinery, equipment, tools, spares	159	97	104,456	109,943	214,655
34 Other cargo	880	563	300,842	298,266	600,551
SPECIAL TRANSPORT	3,598	1,314	334,418	348,904	688,234
32 Automobiles and parts	33	151	46,740	46,832	93,756
38 Cargo truck platform tare (Ro-Ro)	11	74	429	396	911
39 Container tare	3,554	1,089	287,249	301,675	593,567
40 Cargo in transit containers (TIC)					0
TOTAL	7,725	4,998	1,861,135	1,851,617	3,725,475

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

	Domestic	Foreign	Total
Cargo loaded			
In containers	357,863	500,525	858,389
By other means	1,509,881	851,363	2,361,244
TOTAL	1,867,744	1,351,888	3,219,633
Cargo Unloaded			
In containers	83,465	268,391	351,856
By other means	561,709	684,706	1,246,415
TOTAL	645,174	953,097	1,598,271
Loaded and unloaded cargo			
In containers	441,329	768,916	1,210,244
By other means	2,071,590	1,536,070	3,607,659
TOTAL	2,512,918	2,304,985	4,817,904

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	148,137
Liquid fuels	201,625
Coal	0
Ice	0
Miscellaneous	0
TOTAL	349,762

4.6. Fish catches

	Weight (T)	Value at 1st sale (euros)
Molluscs	437	850,682
Crustaceans	136	1,155,164
Fish	5,155	8,025,968
TOTAL FRESH FISH	5,727	9,186,245
Semi-cured cod	0	0
Frozen fish	0	0
TOTAL FISH	5,727	9,186,245

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	6	95	0	0	6	95
Empty	0	0	0	0	0	0
TOTAL	6	95	0	0	6	95
UNLOADED						
Full	7	148	18	462	25	610
Empty	0	0	393	1,189	393	1,189
TOTAL	7	148	411	1,651	418	1,799
LOADED AND UNLOADED						
Full	13	243	18	462	31	705
Empty	0	0	393	1,189	393	1,189
TOTAL	13	243	411	1,651	424	1,894

4.7.2. 20-Foot containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	46,381	654,448	154,431	2,708,065	200,812	3,362,513
Empty	7,135	14,291	22,842	45,847	29,977	60,138
TOTAL	53,516	668,740	177,273	2,753,912	230,789	3,422,651
UNLOADED						
Full	11,346	105,279	146,011	2,505,030	157,357	2,610,309
Empty	36,137	72,566	44,491	95,954	80,628	168,520
TOTAL	47,483	177,845	190,502	2,600,983	237,985	2,778,828
LOADED AND UNLOADED						
Full	57,727	759,727	300,442	5,213,095	358,169	5,972,822
Empty	43,272	86,857	67,333	141,800	110,605	228,658
TOTAL	100,999	846,584	367,775	5,354,895	468,774	6,201,480

4.7.3. Containers over 20 feet

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	49,997	910,323	139,886	2,696,857	189,883	3,607,180
Empty	3,490	13,344	35,772	134,886	39,262	148,230
TOTAL	53,487	923,667	175,658	2,831,743	229,145	3,755,410
UNLOADED						
Full	10,225	135,624	138,958	2,567,092	149,183	2,702,716
Empty	41,518	165,481	40,560	161,657	82,078	327,138
TOTAL	51,743	301,104	179,518	2,728,749	231,261	3,029,854
LOADED AND UNLOADED						
Full	60,222	1,045,946	278,844	5,263,949	339,066	6,309,895
Empty	45,008	178,825	76,332	296,544	121,340	475,368
TOTAL	105,230	1,224,771	355,176	5,560,492	460,406	6,785,264

4.7.4. Total 20 feet containers and over

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	96,384	1,564,866	294,317	5,404,922	390,701	6,969,788
Empty	10,625	27,635	58,614	180,733	69,239	208,368
TOTAL	107,009	1,592,502	352,931	5,585,655	459,940	7,178,157
UNLOADED						
Full	21,578	241,051	284,987	5,072,584	306,565	5,313,634
Empty	77,655	238,047	85,444	258,800	163,099	496,847
TOTAL	99,233	479,097	370,431	5,331,384	469,664	5,810,481
LOADED AND UNLOADED						
Full	117,962	1,805,917	579,304	10,477,506	697,266	12,283,423
Empty	88,280	265,682	144,058	439,533	232,338	705,215
TOTAL	206,242	2,071,599	723,362	10,917,038	929,604	12,988,637

4.7.4.1. 20 feet containers and over in transit

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	289	4,867	88,616	1,753,844	88,905	1,758,711
Empty	1,189	2,733	5,593	15,515	6,782	18,248
TOTAL	1,478	7,600	94,209	1,769,359	95,687	1,776,959
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	698	9,748	179,708	3,531,092	180,406	3,540,840

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
Empty	1,202	2,767	11,700	36,900	12,902	39,667
TOTAL	1,900	12,515	191,408	3,567,992	193,308	3,580,507

4.7.5. Total T.E.U. Containers

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	146,365	1,564,866	434,202	5,404,922	580,567	6,969,788
Empty	14,110	27,635	94,377	180,733	108,487	208,368
TOTAL	160,475	1,592,502	528,579	5,585,655	689,054	7,178,157
UNLOADED						
Full	31,792	241,051	421,908	5,072,584	453,700	5,313,634
Empty	119,171	238,047	125,645	258,800	244,816	496,847
TOTAL	150,963	479,097	547,553	5,331,384	698,516	5,810,481
LOADED AND UNLOADED						
Full	178,157	1,805,917	856,110	10,477,506	1,034,267	12,283,423
Empty	133,281	265,682	220,022	439,533	353,303	705,215
TOTAL	311,438	2,071,599	1,076,132	10,917,038	1,387,570	12,988,637

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

	Domestic		Foreign		Total	
	Number	Tonnes	Number	Tonnes	Number	Tonnes
LOADED						
Full	408	4,867	134,199	1,753,844	134,607	1,758,711
Empty	1,537	2,733	9,821	15,515	11,358	18,248
TOTAL	1,945	7,600	144,020	1,769,359	145,965	1,776,959
UNLOADED						
Full	523	4,882	137,809	1,777,248	138,332	1,782,130
Empty	17	34	10,711	21,385	10,728	21,419
TOTAL	540	4,916	148,520	1,798,633	149,060	1,803,549
LOADED AND UNLOADED						
Full	931	9,748	272,008	3,531,092	272,939	3,540,840
Empty	1,554	2,767	20,532	36,900	22,086	39,667
TOTAL	2,485	12,515	292,540	3,567,992	295,025	3,580,507

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	18,357	231	18,587	37,651	29,350	67,001	56,007	29,581	85,589
1	Crude-oil	13	22	35	1,473	414	1,887	1,486	436	1,922
2	Fuel-oil	625	6	631	700	205	905	1,325	211	1,535
3	Diesel-oil	468		468	19	23	42	487	23	509
4	Petrol	1,183		1,183	31	28	59	1,214	28	1,242
6	Other petroleum products	3,925	193	4,118	28,599	16,608	45,207	32,524	16,801	49,326
7	Petroleum fuel gases	9,987		9,987	5,143	893	6,037	15,130	893	16,023
12	Petroleum coals and coke	2,128	10	2,138	1,685	11,179	12,865	3,813	11,189	15,003
35	Natural gas	28		28			0	28	0	28
	IRON AND STEEL	46,451	38,614	85,065	108,542	193,415	301,957	154,994	232,029	387,022
8	Iron ore	504		504	1,662	2,282	3,944	2,167	2,282	4,449
11	Scrap iron	13	38,376	38,388	3,045	2,529	5,574	3,058	40,904	43,962
13	Iron and steel products	45,934	239	46,173	103,835	188,604	292,439	149,770	188,842	338,612
	METALLURGY	25,183	3,176	28,359	244,109	169,589	413,698	269,292	172,765	442,057
9	Pyrites			0	343	20	363	343	20	363
10	Other ores	21,405	2,936	24,341	191,332	137,797	329,130	212,737	140,734	353,471
36	Other metallurgical products	3,778	240	4,018	52,434	31,771	84,205	56,212	32,011	88,223
	FERTILISERS	2,857	46	2,903	7,645	7,626	15,271	10,502	7,672	18,173
14	Phosphates	0		0	40	210	250	41	210	251
15	Potashes	55		55	525	309	834	580	309	889
16	Natural and artificial fertilisers	2,802	46	2,847	7,079	7,107	14,186	9,881	7,153	17,034
	CHEMICALS	174,182	4,221	178,403	1,107,265	609,019	1,716,284	1,281,447	613,240	1,894,687
17	Chemical products	174,182	4,221	178,403	1,107,265	609,019	1,716,284	1,281,447	613,240	1,894,687
	CONSTRUCTION MATERIALS	158,545	1,137	159,682	376,333	215,937	592,271	534,878	217,074	751,952
5	Asphalt			0	185	130	315	185	130	315
18	Cement and clinker	48,166	172	48,338	8,351	3,634	11,986	56,517	3,807	60,324
20	Construction materials	110,379	965	111,344	367,797	212,173	579,970	478,176	213,137	691,313
	AGRICULTURE AND FOODS	491,234	66,969	558,204	973,943	1,019,238	1,993,181	1,465,178	1,086,207	2,551,384
21	Grain and flour	20,846	62	20,908	19,869	19,125	38,994	40,715	19,187	59,902
22	Soya beans and flour	213		213	36	85	120	249	85	334
23	Fruit vegetables and pulses	22,452	44,065	66,516	92,233	126,186	218,419	114,684	170,251	284,935
24	Wines, drinks, alcohol and derivatives	216,072	12,112	228,184	215,025	154,504	369,529	431,097	166,615	597,713
27	Canned food	9,449	88	9,537	77,583	75,885	153,467	87,032	75,973	163,005
28	Tobacco, cocoa, coffee and spices	10,415	4,050	14,465	150,676	375,626	526,302	161,090	379,677	540,767
29	Oils and fats	8,449	96	8,545	92,080	31,851	123,931	100,529	31,947	132,476
30	Other food products	114,055	2,505	116,560	223,023	142,200	365,224	337,078	144,705	481,784

Cod	Goods	Domestic			Foreign			Total		
		Loaded	Unloaded	Total	Loaded	Unloaded	Total	Loaded	Unloaded	Total
33	Frozen fish	1,322	1,253	2,575	26,424	50,501	76,925	27,746	51,755	79,500
37	Feedstuffs	87,963	2,737	90,701	76,994	43,275	120,269	164,958	46,012	210,970
	OTHER CARGO	348,192	62,138	410,329	1,528,089	1,838,411	3,366,501	1,876,281	1,900,549	3,776,830
19	Wood and cork	7,813	182	7,996	48,041	53,074	101,115	55,854	53,256	109,110
25	Common salt	1,561	1	1,562	3,449	502	3,951	5,009	503	5,513
26	Paper and pulp	22,409	14,449	36,858	365,421	226,354	591,775	387,830	240,803	628,633
31	Machinery, equipment, tools, spares	59,380	3,469	62,849	397,186	429,910	827,096	456,566	433,379	889,945
34	Other cargo	257,029	44,036	301,065	713,993	1,128,571	1,842,563	971,022	1,172,607	2,143,628
	SPECIAL TRANSPORT	327,502	302,566	630,068	1,202,076	1,248,799	2,450,875	1,529,578	1,551,365	3,080,943
32	Automobiles and parts	5,869	630	6,499	144,730	136,214	280,943	150,599	136,844	287,443
38	Cargo truck platform tare (Ro-Ro)	470	28	499	927	97	1,024	1,398	125	1,523
39	Container tare	321,163	301,907	623,070	1,056,419	1,112,489	2,168,908	1,377,582	1,414,396	2,791,978
40	Cargo in transit containers (TIC)	0	0	0	0	0	0	0	0	0
	TOTAL	1,592,502	479,097	2,071,599	5,585,655	5,331,384	10,917,038	7,178,157	5,810,481	12,988,637

4.8. General summary of maritime traffic

4.8.1. General table number 1

Items	Tonnes	
	Partial	Total
LIQUID BULK		8,965,673
Petroleum products	7,604,909	
Other liquids	1,360,764	
SOLID BULK	3,254,239	3,254,239
GENERAL CARGO	17,584,980	17,584,980
LOCAL TRAFFIC	0	0
SHIP SUPPLIES		349,762
Petroleum products	201,625	
Other	148,137	
FISHING	5,726	5,726
TOTAL	30,160,380	30,160,380

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

Items	Tonnes
Cargo loaded	11,365,007
Cargo unloaded	18,795,372
Cargo transhipped	0
TOTAL	30,160,379

4.8.3. General table number 3

Items	Tonnes	
	Partial	Total
FOREIGN TRADE		24,264,156
Import	16,761,287	
Export	7,502,869	
Transshipment	0	
DOMESTIC TRADE	5,540,735	5,540,735
FISHING SUPPLIES AND LOCAL TRAFFIC	355,488	355,488
TOTAL	30,160,379	30,160,379

4.8.4. General table number 4

Items	Tonnes
Petroleum products (1)	7,806,534
Solid bulk	3,254,239
General cargo	17,584,980
Other (2)	1,514,626
TOTAL	30,160,379

(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	29,804,891	11,015,245	18,789,646	0
Local or river traffic	0	0	0	0
Supplies	349,762	349,762	0	0
Fishing	5,726	0	5,726	0
TOTAL	30,160,379	11,365,007	18,795,372	0

4.9. Land traffic

Transport means for entry or exit from the port service area	Total	Tonnes	
		Discharged from vessel	Loaded on vessel
Rail	2,236,201	963,628	1,272,573
Road	19,842,436	11,985,548	7,856,888
Oil pipeline	4,000,779	3,983,855	16,924
Other means	0	0	0
Subtotal	26,079,416	16,933,031	9,146,385
No land transport	3,725,475	1,856,615	1,868,860
TOTAL	29,804,891	18,789,646	11,015,245



5 Use of the Port

This chapter describes the activity at the Port of Barcelona during 2000 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 2000.

Use of the Port

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 B - 01B	17	18,598	18,615
Solid bulk		18,598	18,598
General cargo	17		17
ADOSSAT C - 01C	2,705	288	2,994
General cargo	2,705	288	2,994
ADOSSAT D - 01D	168,371	60,274	228,646
General cargo	168,371	60,274	228,646
ADOSSAT E - 01E	175,282	61,751	237,033
Liquid bulk	1,950		1,950
General cargo	173,332	61,751	235,083
ALVAREZ DE LA CAMPA B - 26B	565,114	974,215	1,539,329
Liquid bulk	60,788		60,788
Solid bulk	22,220	823,803	846,023
General cargo	482,105	150,412	632,517
ALVAREZ DE LA CAMPA (RO-RO) - 26A	384,907	87,659	472,567
General cargo	384,907	87,659	472,567
BARCELONA (EST) - 18B	0	911	911
General cargo		911	911
BARCELONA (NORD) - 18A	160,468	78,262	238,730
General cargo	160,468	78,262	238,730
BARCELONA (SUD) - 18C	185,823	95,777	281,600
Liquid bulk	206		206
General cargo	185,617	95,777	281,394
CONTRADIC (EST) - 22B	94	862,788	862,882
Solid bulk		849,452	849,452
General cargo	94	13,336	13,430
CONTRADIC (NORD) - 22A	486,031	28,911	514,942
Liquid bulk	149,547	25,912	175,459
Solid bulk	324,088		324,088
General cargo	12,396	2,999	15,395
CONTRADIC (SUD) - 22C	691,138	414,557	1,105,695
Liquid bulk	15,648	28,754	44,402
Solid bulk	672,815	385,439	1,058,254
General cargo	2,675	364	3,039
COSTA - 21A	135,342	220,034	355,376
Liquid bulk		24,165	24,165
Solid bulk		76,433	76,433
General cargo	135,342	119,436	254,778
DÀRSENA INTERIOR A - 31A	167,148	103,859	271,007
General cargo	167,148	103,859	271,007
DÀRSENA INTERIOR B - 31B	143,406	20,889	164,295
General cargo	143,406	20,889	164,295
DÀRSENA SUD A - 30A	19,290	653,768	673,059
General cargo	19,290	653,768	673,059
DÀRSENA SUD B - 30B	49,091	39,299	88,390

Wharf or berth	Loading	Unloading	Total
DÀRSENA SUD B - 30B	49,091	39,299	88,390
General cargo	49,091	39,299	88,390
DÀRSENA SUD C - 30C	105,949	83,678	189,627
General cargo	105,949	83,678	189,627
DRASSANES B - 17B	398	0	398
General cargo	398		398
EVARISTO FERNÁNDEZ EST - 28A	37,475	14,591	52,067
General cargo	37,475	14,591	52,067
INFLAMABLES A - 32A	117,936	1,926,743	2,044,679
Liquid bulk	117,936	1,921,797	2,039,733
General cargo		4,946	4,946
INFLAMABLES B - 32B	0	111,090	111,090
Liquid bulk		111,090	111,090
INFLAMABLES C - 32C	4,951	167,108	172,059
Liquid bulk	4,951	162,983	167,934
General cargo		4,125	4,125
INFLAMABLES D - 32D	0	422,372	422,372
Liquid bulk		422,372	422,372
INFLAMABLES E - 32E	7,127	353,653	360,780
Liquid bulk	7,127	353,650	360,777
General cargo		3	3
INFLAMABLES F - 32F	0	146,621	146,621
Liquid bulk		146,621	146,621
INFLAMABLES G - 32F	0	3,358	3,358
Liquid bulk		3,358	3,358
General cargo		0	0
INFLAMABLES H - 32H	0	3,968,109	3,968,109
Liquid bulk		3,968,109	3,968,109
General cargo	0		0
LEPANT A - 27A	545,302	132,673	677,974
General cargo	545,302	132,673	677,974
LEPANT B - 27B	16,595	4,626	21,221
General cargo	16,595	4,626	21,221
LEPANT C - 27C	44,213	15,843	60,056
General cargo	44,213	15,843	60,056
OEST - 23A	28,252	74,132	102,384
Liquid bulk	16,240		16,240
Solid bulk	8,050	73,340	81,390
General cargo	3,962	793	4,755
PANTALÀ (PLTF. 2 NORD) - 25B	0	98,640	98,640
Liquid bulk		98,640	98,640
PANTALÀ (PLTF. 2 SUD) - 25E	0	177,459	177,459
Liquid bulk		177,459	177,459
PANTALÀ (PLTF. 3 NORD) - 25C	0	649,622	649,622
Liquid bulk		649,622	649,622
PANTALÀ (PLTF. 3 SUD) - 25D	0	489,037	489,037
Liquid bulk		489,037	489,037
PONENT (EST) - 20C	19,553	39,432	58,985
General cargo	19,553	39,432	58,985

Wharf or berth	Loading	Unloading	Total
PONENT (NORD) - 20A	447,155	500,734	947,889
General cargo	447,155	500,734	947,889
PONENT (SUD) - 20D	179,808	138,671	318,479
General cargo	179,808	138,671	318,479
PRÍNCIP D'ESPANYA - 29A	1,598,872	1,145,418	2,744,291
Liquid bulk	3,102	4,592	7,694
General cargo	1,595,770	1,140,826	2,736,597
SANT BERTRAN - 19A	577,186	246,515	823,702
General cargo	577,186	246,515	823,702
SUD (EST) - 24B	3,325,923	3,652,500	6,978,423
Liquid bulk	17		17
General cargo	3,325,906	3,652,500	6,978,406
SUD (NORD) - 24A	624,323	505,179	1,129,502
Liquid bulk	2		2
General cargo	624,321	505,179	1,129,500
TOTAL	11,015,245	18,789,646	29,804,891

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	16
G.T. of ships moored	98,244
G.T. per day of ships moored	-

5.3. Berths

Number of ships berthed	9,288
Linear metres of berths (sum of ship lengths)	1,345,521.47
Linear metres per day of berthing	-

5.4. Area utilisation (T/day)

Areas	Covered	Uncovered	Total
Wharf area and others	17,980	4,096,179	4,114,159
TOTAL	17,980	4,096,179	4,114,159

5.5. Mechanical shore equipment

5.5.1. Cranes

Cranes	With hook or bucket	
	Hours	Tonnes
FIXED OR ON RAILS		
Vessel loading or unloading	1,324	237,930
Moving or lifting	-	-
TOTAL	1,324	237,930
ON TYRES		
Vessel loading or unloading	-	-
Moving or lifting	0	0
TOTAL	0	0

5.5.2. Special facilities

Facilities	Hours	Tonnes
AUTOTERMINAL S.A.	-	19,923
CARGILL ESPAÑA S.A.	-	805,477
CIA VALENCIANA DE CEMENTOS PORTLAND	-	87,112
CIA. LOGISTICA DE HIDROCARBUROS S.A.	-	1,303,733
COMA Y RIBAS S.L.	-	102,605
COMERCIALIZADORA MEDITERRANEA CEMENTOS	-	18,598
DECAL ESPAÑA S.A.	-	1,721,104
DEMAGRISA	-	24,165
ENAGAS S.A.	-	3,968,109
ERGRANSA S.A.	-	933,784
H.JOSE M. MASIQUES S.A.	-	16,173
KOALAGAS S.A.	-	1,594
LOIRET AND HAENTJENS ESPAÑA, S.A.	-	32,743
MOYRESA MOLTURACION Y REFINO S.A.	-	60,490
OLESTOCK S.A.	-	3,800
PORTCEMEN S.A.	-	656,116
RECEPTORA DE LIQUIDOS	-	442,232
S.A. PARA LA DESCARGA DE ACEITES	-	142,167
TERMINAL CATALUNYA S.A.	-	58,377
TERMINAL CONTENEDORES DE BARNA. S.A.	-	2
TERMINALES PORTUARIAS S.A.	-	1,037,961
TERMINALES QUIMICOS S.A.	-	144,686
TRAFICO DE MERCANCIAS S.A.	-	118,191
REST	-	3,308
TOTAL	-	11,702,450

5.6. Conveyor trucks

Hours.-	-
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5.7. Conveyor belts

Hours.-	-
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5.8. Mechanical shovels

Hours.-	-
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5.9. Railways shunting, locomotives

Hours.-	-
---------	---

5.10. Wagons

Hours.-	-
---------	---

5.11. Trucks

Hours.-	-
---------	---

5.12. Weighbridges

Number of weighings	-
Tonnes.-	-

5.13. Floating cranes

Services	-
Number of hours.-	-

5.14. Tugboats

Services	-
Number of hours.-	-

5.15. Slipways

Number of services.-	-
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5.16. Floating dock

Number of vessels	13
G.T.	40,794

5.17. Barges

Services. Number of hours	-
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5.18. Dry dock

Number of vessels	29
G.T.	388,174



6 Construction works

This chapter includes the investments in construction works that were partially or completely executed in 2000 by the Barcelona Port Authority. A description of the main projects is included.

Construction works

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 estimates	Refer. EPPE	Name of the works	Net budget approved (Euros)	Certified in origin (Euros)	Certified in (Euros)	Location
Art 1.2	72,22,000	BUILDING OF A BRIDGE BETWEEN THE PONENT AND ADOSSAT WHARVES	17,641,528.14	8,864,928.54	8,293,967.04	Underway.
Art 1.2	72,14,000	MODIFICATION No. 2 OF THE EXTENSION OF THE ADOSSAT WHARF - PHASE 1	16,977,763.55	13,138,124.60	3,839,638.95	Complete.
Art 1.2	72,19,000	MODIFICATION OF THE OPENING OF THE NEW ENTRANCE MOUTH	40,267,810.39	7,608,813.24	6,364,718.19	Underway.
Art 1.2	72,61,000	TECHNICAL ASSISTANCE ON THE PROJECT OF THE NOU DIC DE L'EST OF THE PORT	443,607.03	306,151.06	137,455.98	Complete.
Art 1.2	72,61,001	TECHNICAL ASSISTANCE ON THE PROJECT OF THE DARSENA SUD OF THE PORT	934,186.53	511,450.50	422,736.03	Complete.
Art 1.2	72,12,000	SPECIAL PLAN AND DRAFT PLAN OF THE YARD OF THE NEW ENTRANCE MOUTH	7,212,145.25	811,366.34	270,455.45	Underway.
Art 1.2	72,23,000	TRACK FOR PANAMAX CRANES ON THE SOUTH SIDE OF THE PONENT WHARF	1,156,130.38	450,759.08	705,371.31	Complete.
Art 1.2	72,13,001	MODIFIED PROJECT OF THE SYNCROLIFT INFRASTRUCTURE FOR THE BCN-92 MARINA	3,873,425.16	1,418,388.57	2,455,036.59	Complete.
Art 1.2	72,29,001	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 7 AND 8	4,203,537.79	390,657.87	3,812,879.92	Complete.
Art 1.2	72,39,001	FITTING-OUT FOR OFFICES IN THE ASTA BUILDING	683,992.17	84,141.69	599,850.47	Complete.
Art 1.2	72,39,000	REMODELLING OF THE SAPORT - MAPOR SHEDS	754,270.19	60,101.21	694,168.98	Complete.
Art 1.2	72,12,001	LOADER NEXT TO THE CONTRADIC	1,411,750.90	60,101.21	1,351,649.69	Complete.
Art 1.2	72,29,000	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 1 AND 2 - PHASE 1	758,035.02	240,404.84	517,630.18	Complete.
Art 1.2	72,12,000	ADDITIONAL INVESTMENTS OF THE INFLAMMABLES ROCKPILE	2,650,463.38	775,305.61	1,251,258.56	Underway.
Art 1.2	72,29,002	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTOR 6	2,185,159.51	0.00	1,202,024.21	Underway.
Art 1.2	72,29,003	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 1 AND 2 UP TO C/ ESCAR	3,015,103.21	0.00	60,101.21	Underway.
Art 1.2	72,29,004	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 3-4-5	5,835,689.60	0.00	3,606,072.63	Underway.
Art 1.2	72,29,005	REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - MECHANICAL EQUIPMENT AND FACILITIES - SECTORS 1 TO 8	955,280.96	0.00	120,202.42	Underway.

Application estimates	Refer. EPPE	Name of the works	Net budget approved (Euros)	Certified in origin (Euros)	Certified in (Euros)	Location
Art 1.2	72,23,002	REMODELLING ACCESS TO STREET "A" OF THE ZONA FRANCA CONSORTIUM	896,865.05	0.00	896,865.05	Underway.
Art 1.2	72,23,001	EXTENSION OF STREET "4" BETWEEN STREETS "A" AND "Z" OF THE ZONA FRANCA CONSORTIUM	281,147.34	0.00	281,147.34	Underway.
Art 1.2	72,13,000	DOUBLE RO-RO BERTH ON THE SANT BERTRAN DOCK	796,144.44	0.00	796,144.44	Complete.
Art 1.2	72,12,002	REMODELLING OF THE DIC DE L'EST BREAKWATER - PHASE 1	355,285.85	0.00	60,101.21	Underway.
Art 1.2	72,23,009	SURFACING OF THE PRÍNCEP D'ESPANYA WHARF - PHASE 2	1,180,969.18	0.00	290,799.70	Underway.
Art 1.2	72,23,011	WIDENING AND IMPROVEMENT OF THE ACCESS ROAD TO THE MONTJUIC LIGHTHOUSE	131,870.45	0.00	60,101.21	Underway.
Art 1.2	72,99,000	VAT SUBSIDIES PAID FOR BY THE APB	4,159,003.76	102,172.06	380,825.20	Underway.
Payment balances					4,417,438.97	
Small-budget works					3,009,179.39	
TOTAL					45,897,820.32	

6.2. Brief description of the most important works

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

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

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

The total length is 1,100 metres. The platform of the bridge, measuring 12 metres, includes a central lane 7 metres wide, two footways of 1 metre, two pavements of 0.9 metres each and the access ramps with a gradient of 6.5%.

MODIFICATION No.º 2 OF THE EXTENSION OF THE ADOSSAT WHARF - PHASE 1

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

MODIFICATION OF THE OPENING OF THE NEW ENTRANCE MOUTH

This involves the construction of a seawall 1,500 metres long which, in the first stretch of 900 metres, runs parallel to the current breakwater. It is made up of solid concrete blocks of up to 40 tonnes, heaped up in successive layers of rockpile. Next, a second stretch of 600 metres, turning 11 degrees towards the Llevant Wharf and the structural section is made up of reinforced concrete caissons 33.75 long x 19.60 wide x 19.50 deep. Likewise, there will be two small seawalls and the opening of the shipping channel 145 metres wide and 11.5 metres deep in the current Llevant Wharf.

This will generate an inner dock protected from the waves by an enclosing jetty and a large terrace covering 6 hectares.

TECHNICAL ASSISTANCE ON THE PROJECT OF THE NOU DIC DE L'EST OF THE PORT

This comprises the works for carrying out the project to build the Dic de l'Est breakwater of the Port de Barcelona as laid down by the Master Plan. It consists of the drafting of appropriate analysis studies on the existing documents, research, gathering of data, optimisation of the configuration of the Port in intermediate phases of development, structural optimisation of the breakwater and tests on a physical model of the selected sections. A document will be drawn up with the technical requirements for the call for tender of the works and a summary document of the project.

TECHNICAL ASSISTANCE ON THE PROJECT OF THE DÀRSENA SUD OF THE PORT

This comprises the works for carrying out the project to build the Dàrsena Sud of the Port de Barcelona as laid down by the Master Plan. They comprise the drafting of appropriate analysis studies on the existing documents, research, gathering of data, optimisation of the configuration of the Port in intermediate phases of development, the structural optimisation of the breakwater and the tests on a physical model of the selected sections. A document will be drawn up with the technical requirements for the call for tender of the works and a summary document of the project.

SPECIAL PLAN AND DRAFT PLAN OF THE YARD OF THE NEW ENTRANCE MOUTH

The special plan of the new entrance mouth is the urban planning instrument for organising the land reclaimed from the sea as a result of the new entrance mouth and to integrate it into the urban structure of Barcelona. The proposed regulation determines the following actions:

The installation of a services area for the fishing boats dock.

The creation of a civic square open to the sea as the culmination of the Promenade.

The construction of a hotel, a leisure centre and a large parking area.

TRACK FOR PANAMAX CRANES ON THE SOUTH SIDE OF THE PONENT WHARF

This comprises the building of two tracks for Panamax cranes next to the south side of the Ponent wharf. It includes the foundations with piles, reinforced concrete lintels and Mrs-87a type tracks.

MODIFIED PROJECT OF THE SYNCROLIFT INFRASTRUCTURE FOR THE BCN-92 MARINA

This comprises the building of the infrastructure of a syncrolift made of two reinforced concrete beams resting on posts, 160 lineal metres of wharf of sheet piles and 6,000 square metres of yard with rolling tracks for the separation of vessels.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 7 AND 8

This comprises the construction of 13,100 metres of gravity collectors with diameters of between 400 and 900 millimetres, 1,100 lineal metres of impulsion collectors with diameters of between 100 and 400 millimetres, 5 pumping stations and 7 overflows.

FITTING-OUT FOR OFFICES IN THE ASTA BUILDING

This comprises the demolition of the current changing rooms, the construction of a new area of 773 square metres, for new facilities and common areas on the ground floor for the Port Police, and the formation of 1,932 square metres on the first floor.

REMODELLING OF THE SAPORT - MAPOR SHEDS

This involves the structural reinforcement and anti-rust treatment of two sheds located on a total area of 14,711 square metres of the Adossat Wharf. It includes a new perimeter façade, gates, and the superimposition of a new lacquered sheet metal roof with the corresponding drainpipes and accessories.

LOADER NEXT TO THE CONTRADIC

This comprises the building of a submerged concrete wharf with 160 lineal metres of berthing area, with a depth of 6 metres on the west side and 8.5 metres on the east side, the installation of bollards, defences and beacons, and the surfacing of 15,000 square metres of yard with artificial ballast.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 1 AND 2 - PHASE 1

This comprises the building of 1,270 lineal metres of collectors with sections of between 400 and 800 millimetres in diameter, 307 lineal metres of impulsion piping with a section of millimetres, 1 pumping station and 1 overflow.

ADDITIONAL INVESTMENTS ON THE INFLAMMABLES BREAKWATER

As a result of the extension of the Inflammables wharf rockpile, which created a yard of 69 ha., it is necessary to extend 4 1,800 mm diameter pipes. These will facilitate the vaporisation of the liquefied gas in the ENAGAS facilities.

By virtue of the agreement existing between the APB and ENAGAS, facultative management of the works corresponds to ENAGAS and the APB provides 44.36 % of the budget.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTOR 6.

This involves the construction of 4,823 linear metres of collectors with sections between 400 millimetres and 1000 millimetres in diameter, 294 linear metres of impulsion tubes with sections between 110 millimetres and 200 millimetres and two pumping stations.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 1 AND 2 UP TO CARRER ESCAR

This involves the construction of 4,624 linear metres of collectors with sections between 400 millimetres and 800 millimetres in diameter, 600 linear metres of impulsion tubes with sections between 110 and 200 millimetres, 5,014 metres of empty network and a pumping station.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - CIVIL ENGINEERING - SECTORS 3-4-5

This involves the construction of 7,674 linear metres of collectors with sections between 400 millimetres and 1,200 millimetres in diameter, 1,737 linear metres of impulsion tubes with sections between 90 and 250 millimetres and 6 pumping stations.

REMODELLING OF THE SEWERAGE SYSTEM OF THE PORT - MECHANICAL EQUIPMENT AND FACILITIES - SECTORS 1 TO 8

This involves the installation of the mechanical equipment (vacuum and suction pumps and vacuum and impulsion pumps, valves) and the electrical installations (electrical connections, instrument panel, earthing and lighting, both interior and emergency) corresponding to 15 pumping stations and one pumping sump.

REMODELLING ACCESS TO STREET "A" OF THE ZONA FRANCA CONSORTIUM

This involves the construction of an elliptical roundabout that will distribute the traffic coming from street 3 of the Zona Franca and will allow connection with Tram VI of the Port Ring Road. There are plans to demolish the road surfaces affected by the works and to lay new surfaces with asphaltic agglomerates suitable for heavy loads traffic.

EXTENSION OF STREET "4" BETWEEN STREET "A" AND "Z" OF THE ZONA FRANCA CONSORTIUM

This will involve the extension of street 4 (next to the sea) between streets A and Z using a channelled intersection of streets 4 and A with the incorporation into the one-way traffic of street 4 to street A, using circular turning lanes to the left (controlled by traffic lights) and to the right using an acceleration lane.

DOUBLE RO-RO BERTH ON THE SANT BERTRAN DOCK

This involves the construction of a double berth 52 metres long and 30 metres wide using the appropriate dredging, consolidating rockpile, transport and sinking of caissons and concrete blocks (the construction of which is not covered by this project), and the construction of the superstructure including defences and bollards.

REMODELLING OF THE DIC DE L'EST BREAKWATER - PHASE 1

The works comprise the building of 130 trenches measuring 5 x 1.5 x 5.3 metres and their filling with classified rockpile of 20/100 kg. It also involves the placing of ventilation grilles in the upper part.

SURFACING OF THE PRINCEP D'ESPANYA WHARF - PHASE 2

The works comprise the surfacing of 84,758 square metres involving:

- Demolition and replacement of damaged concrete surfacing.
- Reinforcement with 2 layers of asphaltic agglomerate, one base and one rolling.
- Levelling of surface boxes and construction of new drains.

ENLARGING AND IMPROVEMENT OF THE ACCESS ROAD TO THE MONTJUÏC LIGHTHOUSE

This involves the building of a drive-over side ditch, over a sewer, construction of low sea defence walls and asphalt surfacing of the 650 metres of the access road, as well as the demolition of an auxiliary building.

