

## MAPUTO PORT DEVELOPMENT COMPANY

### QUAY/BERTH DESIGN DEPTHS/LENGTHS/LOAD LIMITS/USAGE

Berth No.	Year Built	Type of Construction	Sect Type ref	Eff. Width (m)	Bollard No. Ref		Chainage (m)		Length (m)	Design Depth (m)	Load Limits		Recommended Use
							From	To			Super-imposed	Line	
		<b>MAPUTO</b>											
1	1911 - 1914	Suspended deck on lattice structure on piles	B	21	25	32,33	490	653	163	4.2-7.2	Not in use		Small ships
2		Suspended deck on lattice structure on piles	B	21	32,33	39	653	803	150	4.2-7.2	Not in use		Small ships
3		Suspended deck on lattice structure on piles	B	21	39	50,51	803	1028	225	4.2-7.2	Limited usage		Small RoRo, Cruise liner
4		Suspended deck on lattice structure on piles	C	22.5	50,51	61,62	1028	1253	225	5.4-8.0	Limited usage		Small ships, Small RoRo
5		Anchored sheet pile with failed block wall behind	D	22	61,62	76,77	1253	1480	227	12.0	50 kN/m2		Break bulk, Bulk RoRo
6		Suspended deck on lattice structure on piles	E	14	78	79	1480	1535	55	7.6-8.0	300 kN/m2		Break bulk, Bulk RoRo
6		Suspended deck on lattice structure on piles	F	22	79	82	1535	1578	43	6.9-8.0	20 kN/m2	35 kN/m	Small ships
7		Suspended deck on lattice structure on piles	F	22	82	92,93	1578	1684	106	6.9-8.0	20 kN/m2	35 kN/m	Small ships
7		Suspended deck on lattice structure on piles	G	26	92,93	?	1684	1778	94	5.8 - 11.7	20 kN/m2	35 kN/m	Bulk, Mollasses, Tankers
8		Suspended deck on lattice structure on piles	H	44	?	?	1778	1624	46	11.6 -11.8	20;10;5 kN/m2	35kN/m	Reefers
8	Suspended deck on lattice structure on piles	I	52	95	108,109	1824	1978	154	11.6 -11.8	25;18;5 kN/m2	100kN/m	Reefers	
9		No berth 9											
10	1963 - 1965	Suspended deck on lattice structure on piles	I	52	101,102	108,109	1978	2127	149	12	25;18;5 kN/m2	100kN/m	Bulk sugar, Break bulk, Bulk
10		Concrete wall block	J	20	108,109	120	2127	2378	251	12	40 kN/m2		Bulk sugar, Break bulk, Bulk
11		Concrete wall block	J	20	120	122	2378	2348	60	12	40 kN/m2		Bulk sugar, Break bulk, Bulk
11	1965 - 1972	Anchored sheet pile wall	L	40	122	129	2438	2578	140	12	70 kN/m2		Break bulk, Bulk
12		Anchored sheet pile wall	L	40	129	138	2578	2778	200	12	70 kN/m2		Containers, Break bulk
13		No berth 13											-
14	Anchored sheet pile wall	L	40	138	150	2778	3031	253	12	70 kN/m2		Containers, Unit Load	
15	1973 - 1975	Concrete Caissons	M	20	150	159	3031	3216	185	12	280;90 kN/m2	170 kn/M	Bulk, Break bulk
16		Concrete Caissons	M	20	159	168	3216	3388	172	12	280;90 kN/m2	170 kn/M	Break bulk, bulk
							<b>Sub-Total</b>		<b>2898</b>				
		<b>MATOLA</b>											
TCM	1975	Concrete Block Wall		20					220	12	50kN/m2		Bulk
							<b>Totals</b>		<b>3118</b>				

		<b>MATOLA/CFM</b>										
Petroleum Terminal		Piled Jetty	N/A	N/A	N/A	N/A	N/A	230	12	N/A	N/A	Oil Tankers
Aluminum Terminal		Piled Jetty	N/A	N/A	N/A	N/A	N/A	210	14	N/A	N/A	
Grain Terminal		Piled Jetty	N/A	N/A	N/A	N/A	N/A	210	12	N/A	N/A	