

EQUIPMENT TECHNICAL INFORMATION

1. Navigational Details

- Approach channel: Width: 280 m
 Depth: 21 – 16 m
- Turning basin: 700 m
- Distance pilot station - berth: 1,5 n.m.
- Water depth alongside: 15 m
- Requested under keel clearance: 0,5 m

2. Terminal Data

2.1 Quay and Yard

- Quay length: 1.400 m
- Depth: 15 m
- RoRo Berth: 300 m
- Yard surface: 116 HA stacking area (6 modules)
- Stacking capacity (ground slots): 12.000 TEU
- Reefer plugs: 500
- DG storage: 500 slots

2.2 Equipment

2.2.1 Quay cranes

- 4 x Reggiane post-panamax

SWL under spreader	50.0 tons
SWL under spreader Twin Lift	48.0 tons
SWL heavy lift (under hook)	57.0 tons
Outreach from fender	40.8 m (16 Rows)
Lifting height above rail	31.5 m
Lifting height above water level	34.1 m
Buffer to buffer distance:	24,6 m
Crane minimum separation:	3 x 20' bays
Available inside gantry space:	24.0 m
Clearance between legs:	16.0 m

- 4 x Ansaldo - Reggiane post-panamax

SWL under spreader	40.0 tons
SWL heavy lift (under hook)	47.0 tons
Outreach from fender	40.8 m (16 Rows)
Lifting height above rail	31.5 m
Lifting height above water level	34.1 m
Buffer to buffer distance:	24,6 m
Crane minimum separation:	3 x 20' bays
Available inside gantry space:	24.0 m
Clearance between legs:	16.0 m

- 2 x Reggiane C. & P. post-panamax

SWL under spreader	50.0 tons
SWL under spreader Twin Lift	48.0 tons
SWL heavy lift (under hook)	57.0 tons
Outreach from fender	44.0 m (18 Rows)
Lifting height above rail	35.0 m
Lifting height above water level	37.6 m
Buffer to buffer distance:	27,3 m
Crane minimum separation:	4 x 20' bays
Available inside gantry space:	24.0 m
Clearance between legs:	16.0 m

2.2.2 RTGs

- 4 x Ansaldo

4 + 1, 8 wheels	
Stacking height:	4 x 9'6"
SWL under spreader:	35 tons

- 9 x TechInt - Ansaldo

4 + 1, 8 wheels	
Stacking height:	4 x 9'6"
SWL under spreader:	45 tons

- 6 x ZPMC

4 + 1, 8 wheels	
Stacking height:	4 x 9'6"
SWL under spreader:	40 tons

- 4 x Kalmar

5 + 1, 8 wheels	
Stacking height:	5 x 9'6"
SWL under spreader:	41 tons

2.2.3 RMGs

- 2 x Ceretti / Reggiane

SWL under spreader	45.0 tons
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- 1 x Reggiane

SWL under spreader	45.0 tons
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2.2.4 Forklifts

- Container handling:

CVS	1 x 16 tons
Fantuzzi	2 x 10 tons (ECH)

- Others:

Kalmar	1 x 32 tons
Linde	1 x 3.5 tons
Linde	1 x 2.5 tons
Linde	1 x 4.5 tons
Still	3 x 2.5 tons
Detas	1 x 5 tons

2.2.5 Reach Stackers

- Container handling:

CVS	23 x 45 tons
Fantuzzi	2 x 45 tons
Kalmar	2 x 45 tons
Hyster	1 x 45 tons

2.2.6 Terminal Tractors

- Terberg

22 x 42 tons

- CVS

50 x 42 tons

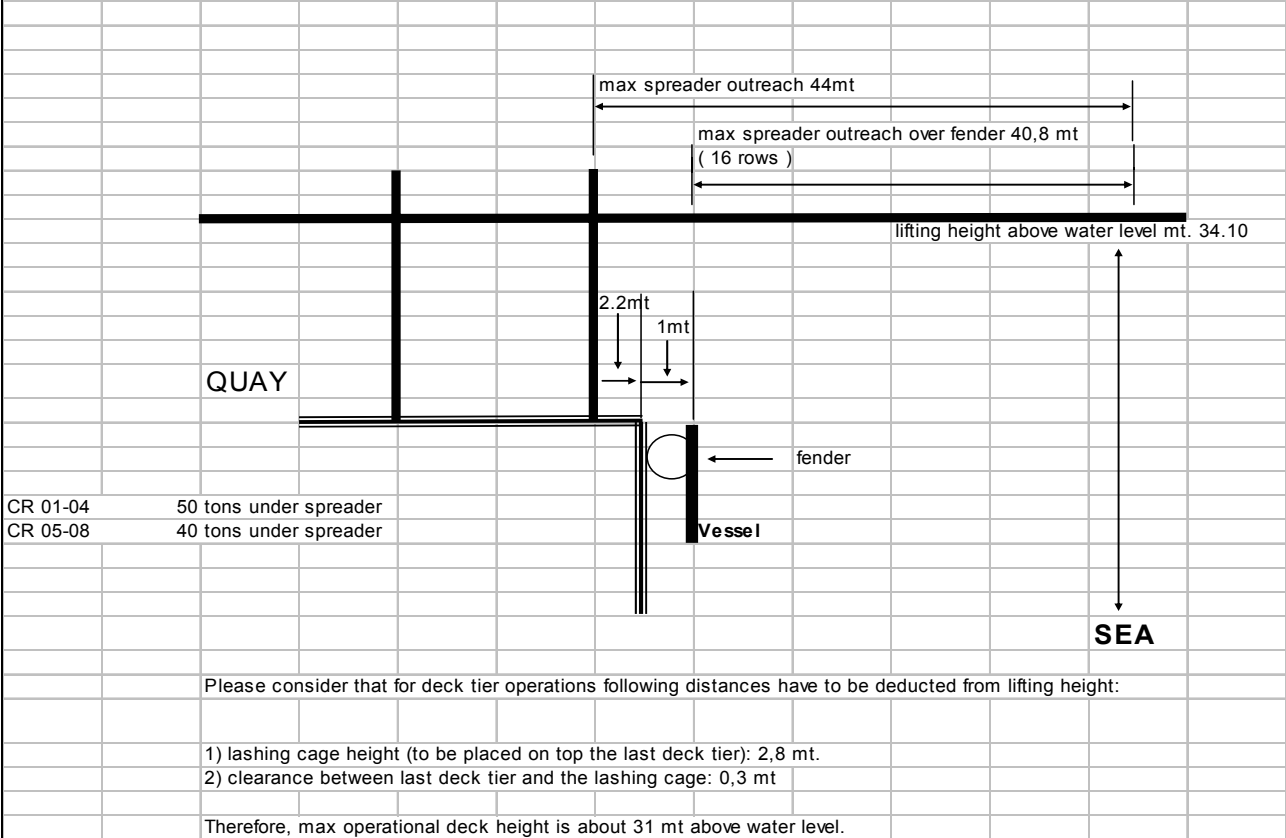
2.2.7 Terminal Châssis

- Gaussin 23 x 50 tons
- CVS 21 x 35 tons
- Inta - Eimar 32 x 60 tons
- Buiscar 7 x 50 tons

3. IT Systems

- Server: 2 Application / Data Base clustered servers
2 WEB server, EDI server, internally managed infrastructure servers
- System: INTEL -Win servers, IBM -AIX servers,
I-series –As/400 Servers
Oracle Data Base,
SQL Server Data Base, DB2 Database
Network Protocol TCP/IP, LAN,WAN
Computer Rooms in two different sites
- Facility: Documentation CTCS Cosmos system
SHIPS/SPACE/TRAFIC/ COSMOS systems linked-up with
fully computerized Radio Data System TEKLOGIX,
GATE automation
SN5 Cosmos system for E.D.I./ EDIFACT STANDARD,
WEB Custom Documentation on web site portal (www.vte.it)
E-PORT Customs link
Global Financial System (Oracle application)

VTE QUAY CRANE PARTICULARS (Q.C. 01-08)



VTE QUAY CRANE PARTICULARS (Q.C. 09-10)

