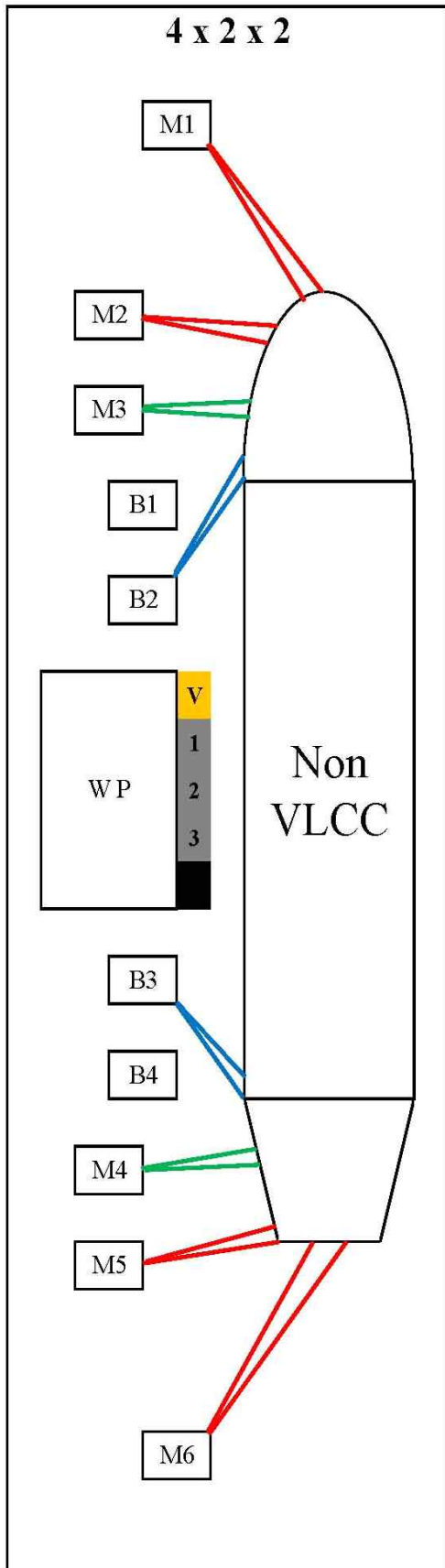


KNOC YEOSU TERMINAL INFORMATION

(For Non VLCC)



Mooring Arrangement	
Ship's Size	Below 160,000 SDWT (Non VLCC)
Head/Stern Line	4 —————
Breast Line	2 —————
Spring Line	2 —————
Tugs assistance	3
Order of made fast	Spring → Breast → Head/Stern line
Mooring Boat Available	

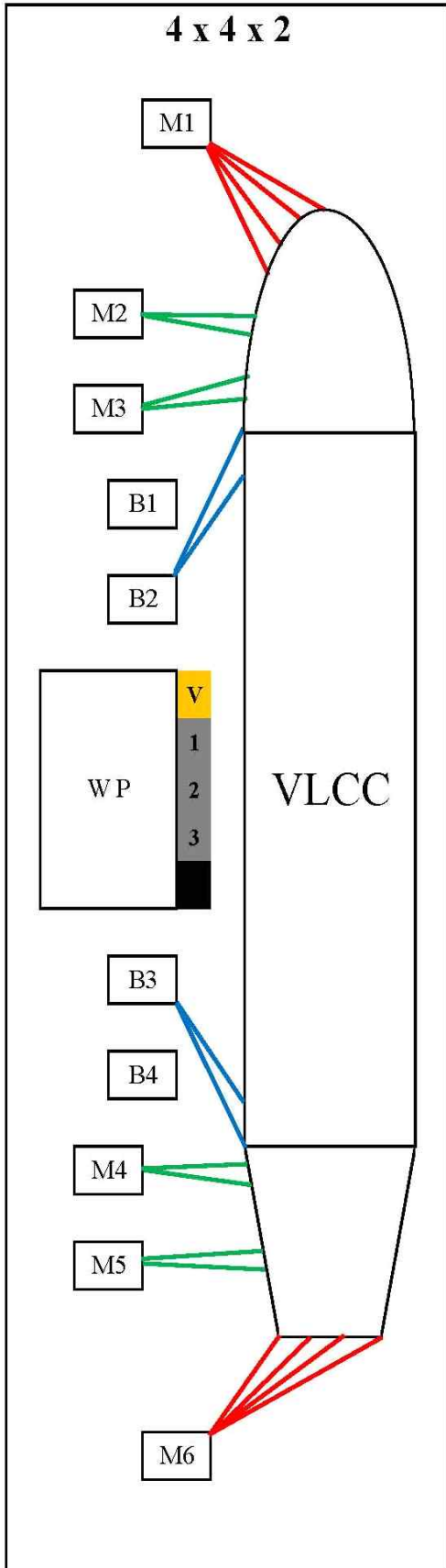
Vessel Qualifications	
Ship's Age	Not more than 22 years
Ship's Size	Min. 65,000 ~ Max. 325,000 SDWT
PBL(in Ballast)	Min. 100.0 m
Major Approval	Min. 2 Major Approval

Terminal Description	
Max. Loading Rate(to Ship)	54,000 Bbls/Hr (3.0 Kg/cm ²)
Max. Unloading Rate(to Shore)	54,000 Bbls/Hr (7.0 Kg/cm ²)
Loading Arm	Cargo - 16 " x 3 (■)
	Vapour - 16 " x 1 (●)
Shore Pipe Line	40" x 2km
Draft Restriction	Max. 21.0m
VHF CH.	72
Shore Gangway(■) Available	

Weather Limits				
Description	Berthing	Stop Cargo	Discon' Arm	Unberthing
Wind Speed	less 10.0m/sec	14.0m/sec	15.0m/sec	20.0m/sec
Wave Height	less 1.0m	over 2.0m	over 2.5m	over 3.0m
Current	less than 0.5kts			
Visibility	over 1.0 mile			
Water depth	23.5m at LLW			
Salinity	1.025			

KNOC YEOSU TERMINAL INFORMATION

(For VLCC)



Mooring Arrangement	
Ship's Size	Over 160,000 SDWT (VLCC)
Head/Stern Line	4 —————
Breast Line	4 —————
Spring Line	2 —————
Tugs assistance	4 ~ 6
Order of made fast	Spring → Breast → Head/Stern line
Mooring Boat Available	

Vessel Qualifications	
Ship's Age	Not more than 22 years
Ship's Size	Min. 65,000 ~ Max. 325,000 SDWT
PBL(in Ballast)	Min. 100.0 m
Major Approval	Min. 2 Major Approval

Terminal Description	
Max. Loading Rate(to Ship)	54,000 Bbls/Hr (3.0 Kg/cm ²)
Max. Unloading Rate(to Shore)	54,000 Bbls/Hr (7.0 Kg/cm ²)
Loading Arm	Cargo - 16 " x 3 (■)
	Vapour - 16 " x 1 (●)
Shore Pipe Line	40" x 2km
Draft Restriction	Max. 21.0m
VHF CH.	72
Shore Gangway(■) Available	

Weather Limits				
Description	Berthing	Stop Cargo	Discon' Arm	Unberthing
Wind Speed	less 10.0m/sec	14.0m/sec	15.0m/sec	20.0m/sec
Wave Height	less 1.0m	over 2.0m	over 2.5m	over 3.0m
Current	less than 0.5kts			
Visibility	over 1.0 mile			
Water depth	23.5m at LLW			
Salinity	1.025			