

ALLIANZ COMMANDER

ACCOMMODATION BARGE



PRINCIPAL PARTICULARS

Flag	SVG
Length Overall	100.58 m
Breadth Moulded	31.70 m
Depth Moulded	7.31 m
Draft (MAX)	4.5 m
Built Upgraded	2006, Jaya Asiatic Yard, Batam 2024, Grandweld Yard, Dubai, UAE
GRT	11982
Class	ABS
Notation	A1 Accommodation Barge,

CARGO CAPACITIES

Deadweight	7806.02 T
Deck Strength	12.5T/sq. m
Clear Deck Area	290 SQ Meter
Fuel Oil	Capacity 744.30 T (98%), Pumping rate 118 M3/hr x 60 M HD
Fresh Water	Capacity 1842.61 T (98%), Pumping rate 120 M3 / hr x 60 M HD
Ballast Water	5,200 m ³
Drill Water	1,060 m ³
Freezer/Chiller (Old)	50m ³ /55m ³
Freezer/Chiller (New)	15m ³ /15m ³
Bilge Holding Sewage Tank	1686 m ³
Cooling Water	1,007 m ³
Dirty Oil	24 m ³

ACCOMMODATIONS

Single Berth	34x 1 berth
Double Berth	35 x 2 berth
Four (4) Men Berth	98 x 4 berth
Total	496 berths
*All cabins fully air-conditioned, comply to ILO 92, IMO Resolution A468 (XII)	

MACHINERY

Generator	5 x 620 kw @ 1800 rpm Caterpillar 3412 DITA c/w Leroy Somer LSAM49.1M6 rated at 580 kw/440 V/3 Ph/60 Hz
Emergency Generator	1 x 99 kw @ 1800 rpm Caterpillar 3056 DITA c/w Leroy Somer LL3024F rated at 99 kw/440 V/3 Ph/60 Hz

RADIO & NAVIGATION EQUIPMENT

GMDSS	Sea Area A1+A2
SSB	1 x Furuno FS-1570 (MMSI. 353-983-000)
INMARSAT "F"	1 x Furuno Felcom 70
INMARSAT "MINI-M"	1 x Sailor
VHF Radio	2 x Furuno FM 3000 with built-in DSC 1 x Furuno FM 8800S with built-in DSC
NAVTEX Receiver	1 x Furuno NX 700
SART	2xMcMurdoS4
EPIRB	1xMcMurdoE3A
GMDSS, VHF RDO	3xMcMurdoR2
Portable Marine VHF RDO(IS)	3 x Motorola GP-328V
VHF Air Band T' Receiver	1 x ICOM IC-A200B
Radar	1 x Furuno 1932 MK2
Echo Sounder	1 x Furuno FE700
GPS	1 x Furuno GP90
Satellite Compass	1 x SC-50
VHF Handheld (IS)	8 x ICOM./ IC-M88
Weather Fax	1 x Furuno FAX 207
VHF Air Band	1 x Icom / IC-A6 (For use HLO)
*Barge also fitted with Vingtor PA Talkbalk System and Sound Powered Telephones	

OTHER FACILITIES

Hospital	1 x quad berth area + 1 double birth area
Galley	2 w/ cooking utensils, refrigerators etc.
Offices	Total 6; 3 on main deck, 3 on Deck 3
Conference Room:	1 with seating capacity for 30 persons 1 with seating capacity for 10 persons
Mess Room	1 x officers mess room for 12 persons 1 x officers mess with seating capacity for 20 persons 2 x main mess with seating capacity for 90 & 150 persons
Recreation Rooms:	1 main room with seating capacity for 80 persons + 1 for officers with seating capacity for 15 persons + 1 x 100 m2 recreational room 1 company recreational room
TV/Video Rooms:	1 with seating capacity for 30 persons
Others	3 x Prayer Rooms, 1 x Forward Control Room, 1 x Change Room 2 x Laundry/Drying Room, 2 x Provision Room 1x Arrival/Departure Room for up to 15 persons 1x Winch Control Room, 1 x Barge Radio Room, 2 x Gym
Workshop	1 complete w/ lathe, drilling machine, grinding machine, electric saw, oxy/acetylene welding machine
TEMPORARY REFUGEE	MANUFACTURE: MineARC Systems PTE LTD MODEL: ChemSAFE 450P Emergency Duration: 2 Hours

*Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.



PUMPS	
Fuel Oil	1 x 118 m3/hr@ 60 m/head;
Fresh Water	1 x 120 m3/hr@ 60 m/head;
Sewage	1 X 110 m3/hr @30 m/head;
DECK EQUIPMENT	
8-Point Mooring	8 x single drum electro-hydraulic; HMW-90T c/w tension sensors, wire length counter, 16 vertical sheaves & 8 universal fairleaders suit' for 4,593 ft / 1400 m (L) x 2"/ 52 mm (Ø) SWR
Drum Rated Pull	93.7 t / 85 Mt @ 39 ft min / 12 m / min @ 1st layer (1st speed) 55.1 t / 50 Mt @ 62 ft min / 19 m / min @ 1st layer (2nd speed) 30.8 t / 28 Mt @ 105 ft min / 32 m / min @ 1st layer (3rd speed)
Brake Capacity	165 t / 150 Mt static @ 1st layer
Anchor Wire	8 x 4,593ft/1400m(L) x 2"/52mm(Ø)SWR 4 x 7.7 ft / 7000 kg Flipper Delta Anchors 4 x 11 t / 10000 kg Flipper Delta Anchors
Pennant Buoy	10 x 8ft/2.45m(L) x 6ft/1.83m(Ø)
Capstan	3 x 10 Mt @ 20 m/min electric; HVC-10T
Tugger Winch	2 x 15 Mt @ 20 m/min electro-hydraulic; HUW-15T
Helideck	Suitable for MI8
Outer Area	84 ft / 25.62m x 84 ft / 25.62m
Deck Crane	1 x 40 t pedestal-mounted offshore crane
Main hoist On board	40 t at 6.5 m Rad./ 25 t at 6-12 m Rad. & 15 t at 6-20 m Rad
Main hoist Off board	30 t at 6.5 m Rad./ 18.75 t at 6-12 m Rad. & 11.25 t at 6-20 m Rad
Aux hoist On board	6 t at 8-30 m Rad. & 3 t at 40 m Rad
Aux hoist Off board	4.5 t at 8-30 m Rad. & 2.2 t at 40 m Rad
Man Riding	1.5 t at 8-40 m radius

FIRE FIGHTING & SURVIVAL EQUIPMENT	
Fire Pump	1 x 39,625 USG/hr @ 360 ft head @ 110 m head; Azcue AN-EP 80
Fire Monitors	2 x 19,416 USG/hr @ 7 bar; Skum FJM-8-0
Emergency Fire Pump	1 x 13,208 USG/hr @262 ft head
Fixed Fire System	CO2, Sprinkler System, H2S System
Life Rafts	32 x 25 persons SOLAS approved
Rescue Boat	1 X 6 persons SOLAS approved Narwal SV480 c/w launching davit
Life Boats	3 x 150 Pax + 1 x 80 Pax

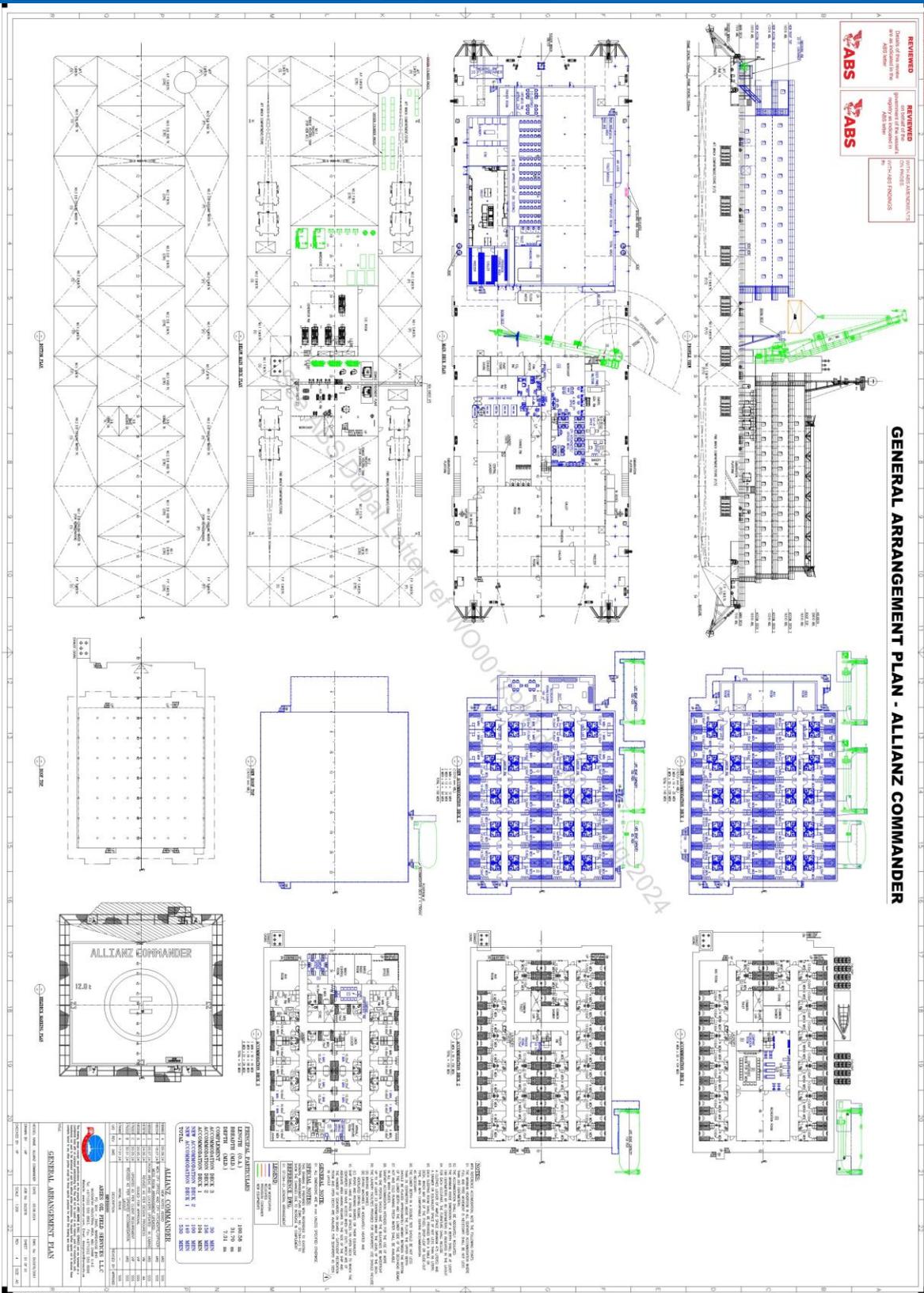
MISCELLANEOUS	
Oil Water Separator	1 x 264 USG / 1 m3/hr c/w 15 ppm alarm; Oil chief
Sewage Treatment Plant	4 x 150persons/day
Water Maker	3 x 75 m3/day reverse osmosis

Fire Detection System in all enclosed spaces.

Fixed CO2 system for generator room, paint store and galley duct.

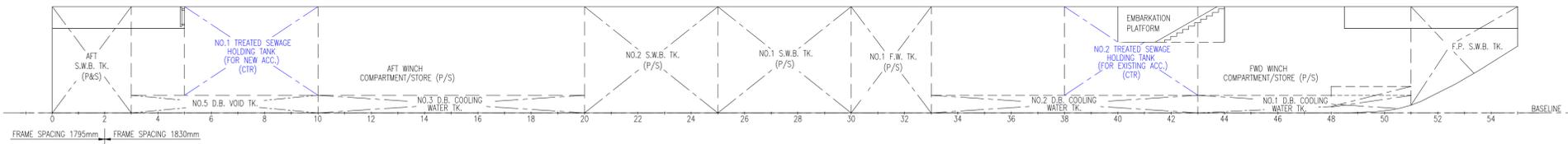
Fixed automatic water sprinkler system for whole accommodation spaces including store & workshop.

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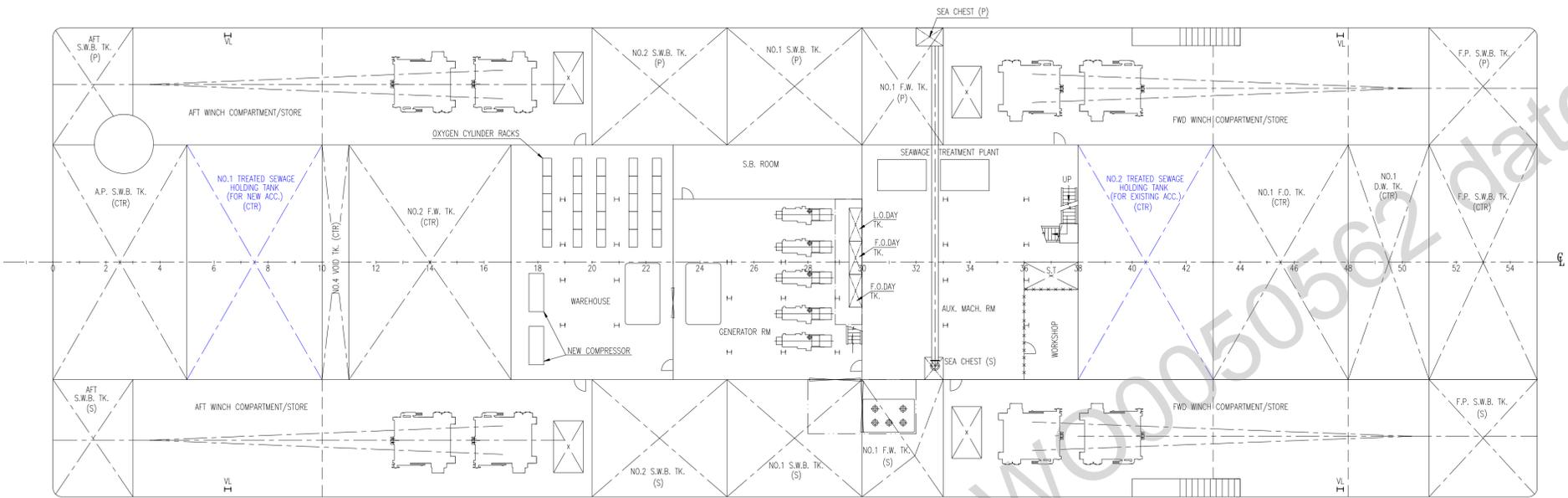


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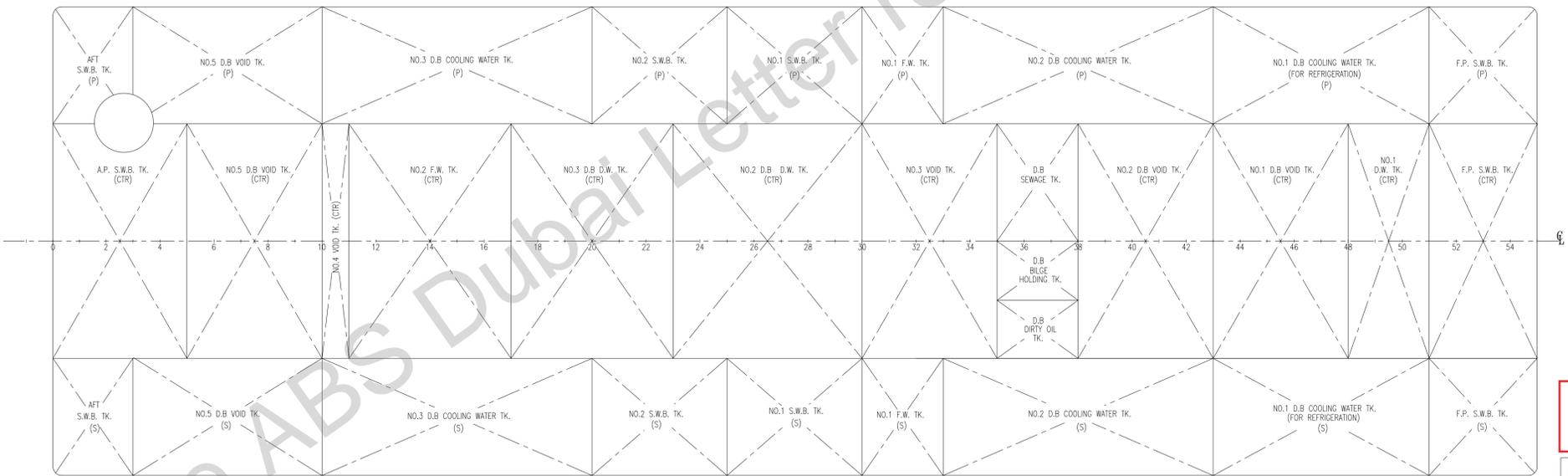
TANK CAPACITY PLAN - ALLIANZ COMMANDER



PROFILE VIEW



BELOW MAIN DECK PLAN



BOTTOM PLAN

NOTES:

- 1) FREE SURFACE MOMENT (F.S.M.) ARE GIVEN FOR MAXIMUM VALUES AT EVEN TRIM & HEEL CONDITION.
- 2) L.C.G., T.C.G. & V.C.G. ARE TAKEN AT 100% CAPACITY.
- 3) ASSUMED SPECIFIC GRAVITY AS:

FUEL OIL	: 0.870	BILGE	: 1.000
FRESH WATER	: 1.000	SEWAGE	: 1.025
SEA WATER BALLAST	: 1.025	COOLING WATER	: 1.000
DRILLING WATER	: 1.000	DIRTY OIL	: 0.870
LUB. OIL	: 0.924	TREATED SEWAGE	: 1.025

NOTES:

1. LCG MEASURED FROM FRAME NO. 0
- f = FORWARD OF FRAME NO. 0
2. TCG MEASURED FROM CL.
- p = PORT SIDE
- s = STBD SIDE
3. VCG MEASURED FROM BASELINE

GENERAL NOTES:

01. ALL DIMENSIONS ARE IN mm UNLESS SPECIFIED OTHERWISE

SPECIAL NOTES

- THIS DRAWING IS PREPARED WITH REFERENCE TO EXISTING CAPACITY PLAN (DWG. NO. ST1394-G6) TO SHOW THE FOLLOWING MODIFICATION
- 1) MUD TK. (C) CONVERTED TO NO.1 TREATED SEWAGE HOLDING TANK (C) (FOR NEW ACC.)
 - 2) NO.2 F.O. TK.(C) CONVERTED TO NO.2 TREATED SEWAGE HOLDING TANK (C) (FOR EXISTING ACC.)

FILED BY ABS FOR REFERENCE ONLY

LEGEND

— : NEW MODIFICATION

REFERENCE DWG.

01. ST1394-G6_CAPACITY PLAN
02. DU2976_2001_GENERAL ARRANGEMENT PLAN

PRINCIPAL PARTICULARS

LENGTH (O.A.)	: 100.58 m
BREADTH (MLD.)	: 31.70 m
DEPTH (MLD.)	: 7.31 m

FUEL OIL	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	98% (TONNES)				
NO.1 F.O. TK. (C)	FR.43-48	866.08	848.76	738.42	83.195f	0.000	4.265	2,593.35
F.O. DAY TK. (C)	FR.29+~30	3.45	3.38	2.94	54.390f	0.297p	3.945	0.69
F.O. DAY TK. (S)	FR.29+~30	3.45	3.38	2.94	54.390f	1.927s	3.945	0.69
TOTAL		872.98	855.52	744.30				

FRESH WATER	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	100% (TONNES)				
NO.1 F.W. TK. (P)	FR.30-33	307.54	301.39	307.54	57.551f	11.847p	3.691	222.76
NO.1 F.W. TK. (S)	FR.30-33	287.52	281.77	287.52	57.651f	12.088s	3.426	222.76
NO.2 F.W. TK. (C)	FR.11-17	1247.55	1222.60	1247.55	25.550f	0.000	3.655	3,577.22
TOTAL		1842.61	1805.76	1842.61				

BALLAST WATER	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	100% (TONNES)				
F.P. S.W.B. TK. (C)	FR.51-55	540.59	529.77	554.10	96.407f	0.000	4.714	2369.41
F.P. S.W.B. TK. (P)	FR.51-55	222.74	218.29	228.31	96.270f	11.527p	4.323	293.46
F.P. S.W.B. TK. (S)	FR.51-55	222.74	218.29	228.31	96.270f	11.527s	4.323	293.46
NO.1 S.W.B. TK. (S)	FR.25-30	503.28	493.21	515.86	50.255f	11.890p	3.655	368.88
NO.1 S.W.B. TK. (S)	FR.25-30	480.03	470.43	492.03	50.122f	11.993s	3.522	368.88
NO.2 S.W.B. TK. (P)	FR.20-25	503.30	493.23	515.88	41.105f	11.890p	3.655	368.90
NO.2 S.W.B. TK. (S)	FR.20-25	503.30	493.23	515.88	41.105f	11.890s	3.655	368.90
AFT. S.W.B. TK. (C)	FR.0-5	959.23	940.04	983.21	4.529f	0.303s	3.655	2635.89
AFT. S.W.B. TK. (P)	FR.0-3	234.78	230.08	240.65	2.534f	12.003p	3.234	173.53
AFT. S.W.B. TK. (S)	FR.0-3	263.26	257.99	269.84	2.726f	11.655s	3.279	216.88
TOTAL		4433.24	4344.57	4544.07				

DRILLING WATER	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	100% (TONNES)				
NO.1 D.W. TK. (C)	FR.48-51	610.31	598.10	610.31	90.478f	0.000	3.731	1788.45
NO.2 D.B. D.W. TK. (C)	FR.23-30	242.92	238.06	242.92	48.425f	0.000	0.610	4173.44
NO.3 D.B. D.W. TK. (C)	FR.17-23	208.23	204.07	208.23	36.530f	0.000	0.610	3577.32
TOTAL		1061.46	1040.23	1061.46				

COOLING WATER	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	100% (TONNES)				
NO.1 D.B. C.W. TK. (P)	FR.43-51	157.88	154.72	157.88	86.426f	11.890p	0.778	594.01
NO.1 D.B. C.W. TK. (S)	FR.43-51	157.88	154.72	157.88	86.426f	11.890s	0.778	594.01
NO.2 D.B. C.W. TK. (P)	FR.33-43	173.31	169.84	173.31	69.470f	11.890p	0.610	742.53
NO.2 D.B. C.W. TK. (S)	FR.33-43	173.31	169.84	173.31	69.470f	11.890s	0.610	742.53
NO.3 D.B. C.W. TK. (P)	FR.10-20	171.98	168.54	171.98	27.313f	11.864p	0.610	730.07
NO.3 D.B. C.W. TK. (S)	FR.10-20	173.31	169.84	173.31	27.380f	11.890s	0.610	742.51
TOTAL		1007.67	987.52	1007.67				

MISCELLANEOUS	LOCATION	CAPACITIES			L.C.G. FROM A.P. (m)	T.C.G. OFF C.L. (m)	V.C.G. ABOVE B.L. (m)	F.S.M. (T x m)
		100% (m ³)	98% (m ³)	98% (TONNES)				
D.B. BILGE HOL. TK. (P)	FR.35-38	28.03	27.47	27.47	66.725f	2.135s	0.610	34.90
D.B. DIRTY OIL TK. (S)	FR.35-38	24.02	23.54	20.48	66.725f	6.100s	0.610	19.12
D.B. SEWAGE TK. (P)	FR.35-38	52.06	51.02	52.29	66.725f	3.965p	0.610	229.17
L.O. DAY TK. (P)	FR.29+~30	3.47	3.40	3.15	54.390f	2.530p	3.945	0.75
NO.1 TREATED SEWAGE HOLDING TK. (C)	FR.5-10	767.92	752.56	771.37	13.655f	0.000	4.524	2962.09
NO.2 TREATED SEWAGE HOLDING TK. (C)	FR.38-43	866.09	848.77	869.98	74.045f	0.000	4.265	3055.44

ALLIANZ COMMANDER

179239	A	09.02.24	INITIAL ISSUE	-	SSS
UID	REV	DATE	DESCRIPTION	REVISED BY	APPROVED

REVISIONS

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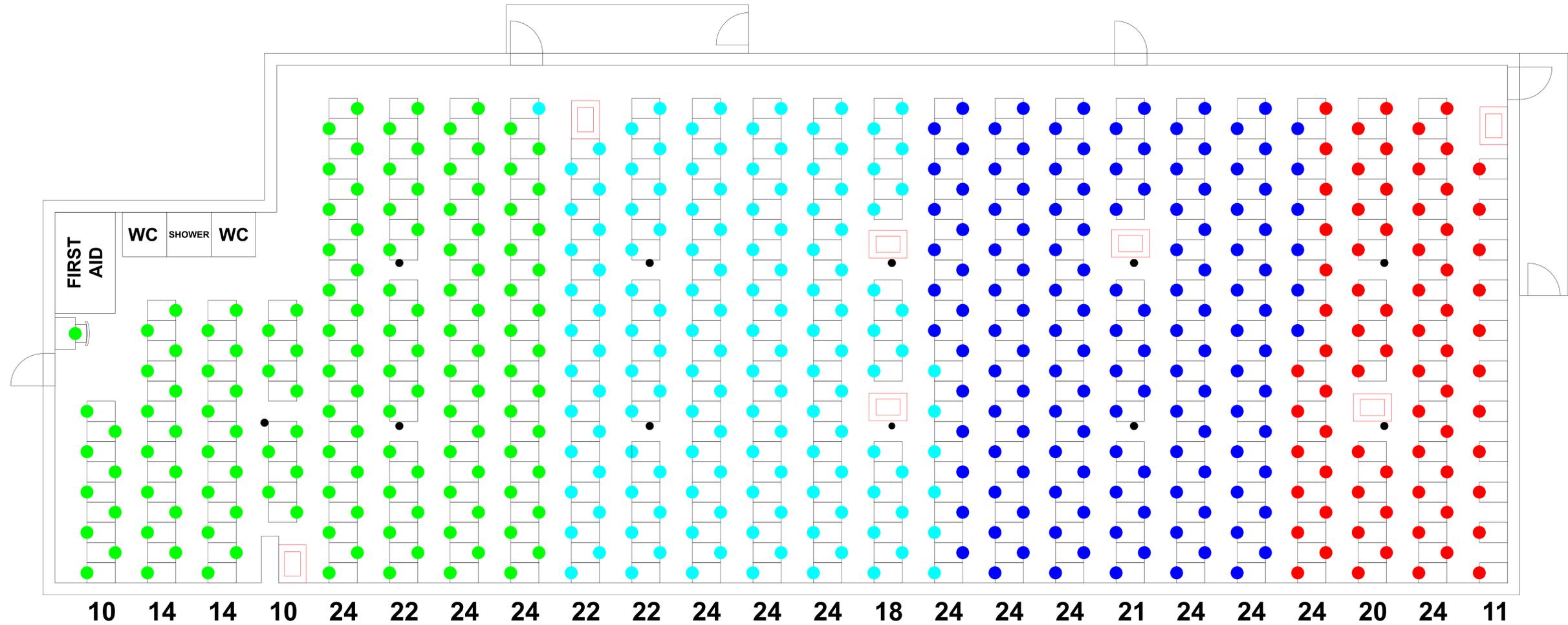
TITLE:

TANK CAPACITY PLAN

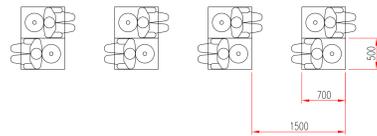
VESSEL NAME : ALLIANZ COMMANDER	DATE : 09.02.2024	DWG. No : DU2976/2005
DRAWN BY : SK	JOB No : DU2976	SHEET : 01 OF 01
CHECKED BY : VP	SCALE : 1:200	REV : A SIZE : A1

GENERAL ARRANGEMENT PLAN - ALLIANZ COMMANDER

TR LAYOUT



TOTAL POB 496



1,500*500 = 0.75 M2

REFERENCE DWG.
 1. 01-04-03-REV1-GENERAL ARRANGEMENT
 2. 01-04-03-REV2-GENERAL ARRANGEMENT PLAN-REV1

PRINCIPAL PARTICULARS

LENGTH (O.A.)	: 100.56	m
BREADTH (M.L.D.)	: 31.70	m
DEPTH (M.L.D.)	: 7.31	m
COMPLEMENT		
ACCOMMODATION DECK 3	: 29	MEN
ACCOMMODATION DECK 2	: 155	MEN
ACCOMMODATION DECK 1	: 104	MEN
NEW ACCOMMODATION DECK 2	: 100	MEN
NEW ACCOMMODATION DECK 1	: 108	MEN
TOTAL	: 496	MEN

ALLIANZ COMMANDER

NO.	DATE	DESCRIPTION	INITIAL	ISSUE	BY	DD
-	A	11.07.24	-	-	-	-
UID	REV	DATE	DESCRIPTION	REVISOR	APPROVED	

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TITLE:
GENERAL ARRANGEMENT PLAN PROPOSAL

VESSEL NAME : ALLIANZ COMMANDER	DATE : 11.07.24	DWG. No : DU2976/PROP
DRAWN BY : VC	JOB No : DU2976	SHEET : 02 OF 02
CHECKED BY : CHARI	SCALE : 1:200	REV : A
		SIZE : A0