OCEAN 7 PROJECTS

Ship's particulars

M/V 'VEGA HERCULES'

Valid as of 03 July 2021

Registration	
Call sign	V7A4587
IMO number	9319595
Port of registry	Majuro
Flag state	Marshall Islands
Shipyard	Zhejiang Yangfan Ship Group
Year/Place of delivery	2006/China
Class	DNV-GL
Class notation	☒ 100 A5 E Container ship SOLAS-II-2, Reg. 19 IW ✠ MC E AUT TMON(oil lubricated)
P&I Club	Standard Club
Tonnage	
DWAT on 8,80 m sfbd	11.797 mt (summer draft)*
*Permanent ballast	2.383 mt
Gross tonnage	9.996
Net tonnage	4.900
Dimensions	
Length over all	139,10 m
Length between p.p.	129,00 m
Breadth over all	22,60 m
Breadth moulded	22,60 m
Summer draught	8,80 m
Depth moulded	11,80m
Height keel to top mast	43,20 m
Hold/hatch sizes	
Number of holds/hatches	4/7
Hatch numbering	1A, 1B, 2, 3A, 3B, 4A and 4B
#1A hold dimensions	6,60 x 15,60 m
#1B hold dimensions	12,60 x 15,60 m
#2 - #4B hold dimensions	12,60 x 18,20 m
#1A/#1B - #4B hold height	8,60/12,10 m
Container capacity	
Hold capacity	312 TEU (124 reefer)
Hatch capacity	532 TEU (128 reefer)
Deck capacity	42 x 20' and 40 x 40'
Total	966 TEU
	Full load of high cube (reefer) possible in hold (4 tiers)
Special sizes on hatches	20'/40'/45' x 2500 mm x 9'6 49' x 2600 mm x 9'6
Stack weight TEU/FEU	Tank top: 100/140 mt Hatch cover #1: 45/- mt Hatch cover #2-4: 60/90 mt Deck: 80/120 mt
TEU slots for IMO class 1	On all deck in way of holds 1.4S in all holds

Deck loads	
Tanktop	12,00 mt/m^2
Hatch covers	1,75 mt/m^2
Deck (above engine room)	1,50 mt/m^2
Hatch covers/Tween deck	
Type of hatch covers	14 MacGREGOR Lift-away panels – non sequential. Two on each hatch
Tween deck pontoons	none
Propulsion/Maneuvering	
Main Engine	9600 kW
2 bow thrusters	500 and 300 kW
Shaft generator	2000 kW
Propeller	Controllable pitch propeller
Rudder	Balanced rudder
Service speed	17,0 kn
Bunkers/Ballast capacity	
Heavy fuel oil	985 m^3
Marine gas oil	261 m^3
Fresh water	169 m^3 (incl. technical water)
Ballast water	4557 m^3 of which 2383 mt is sealed ballast
Cargo gear	
Cranes on port side	2 x NMF x 45 mt SWL
Load/Outreach	45 mt/4,5 – 27,5 m 35 mt/2,6 – 31,5 m
Tandem load	n.a.
Lifting beam on board	n.a.
Spreader beams on board	n.a.
Lifting heights	Abt. 40,0 m

All details are believed to be correct but without guarantee/HWS

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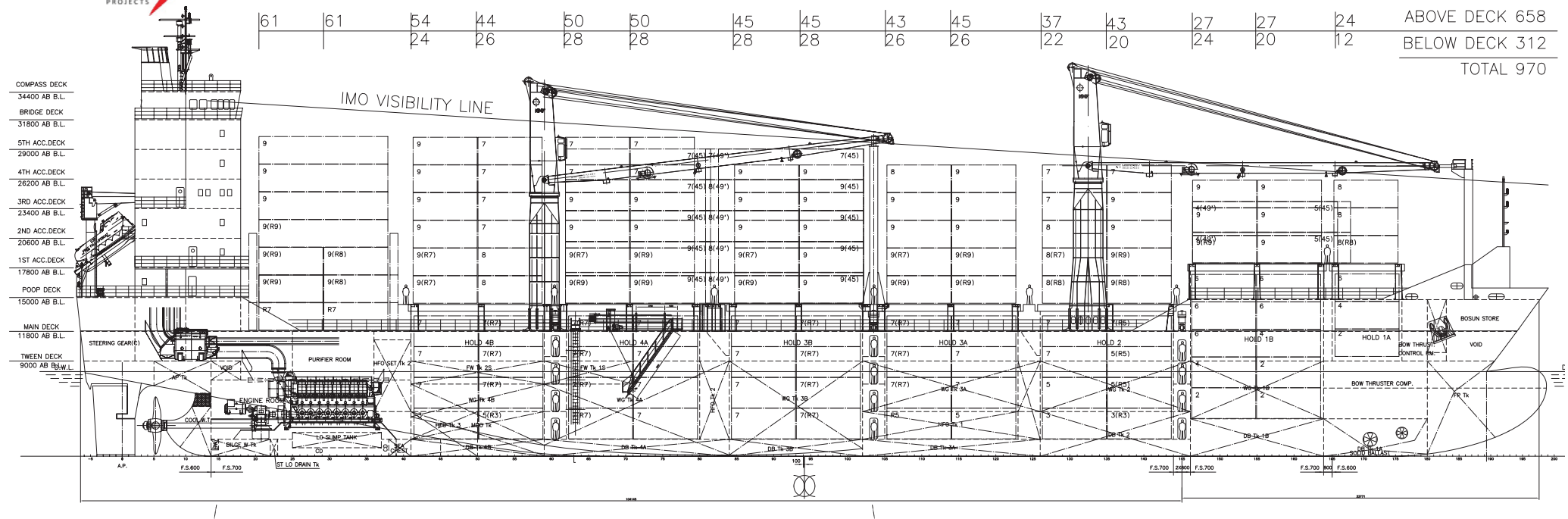
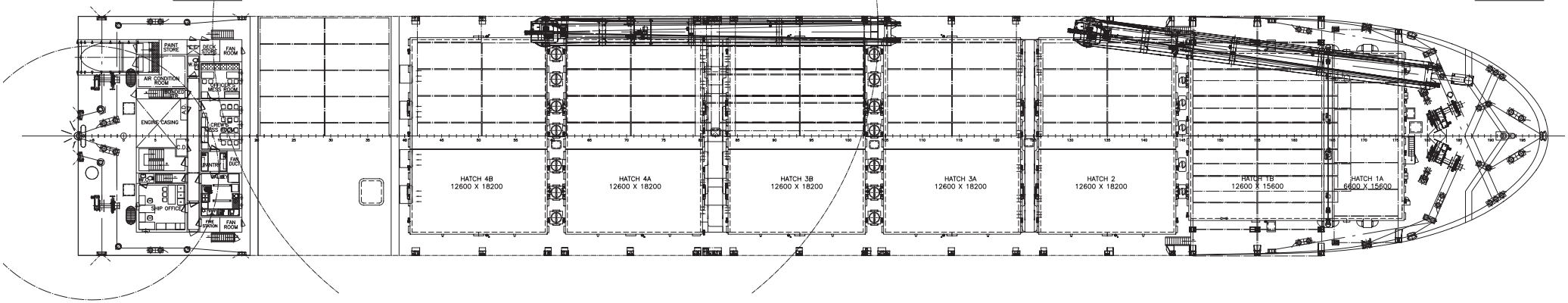
OCEAN 7 PROJECTS

29	27	25	23	21	19	17	15	13	11	09	07	05	03	01	20' BAY
61	61	54 / 24	44 / 26	50 / 28	50 / 28	45 / 28	45 / 28	43 / 26	45 / 26	37 / 22	43 / 20	27 / 24	27 / 20	24 / 12	

ABOVE DECK 658
BELOW DECK 312
TOTAL 970

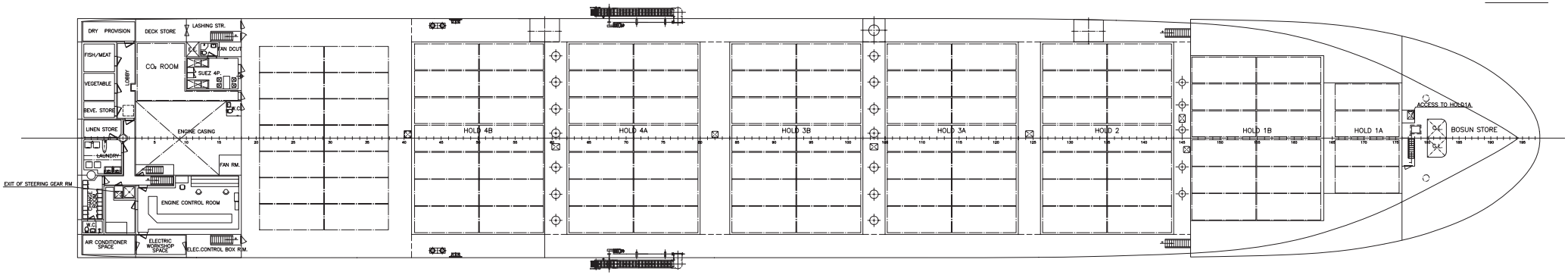


POOP DECK



FORECASTLE

MAIN DECK



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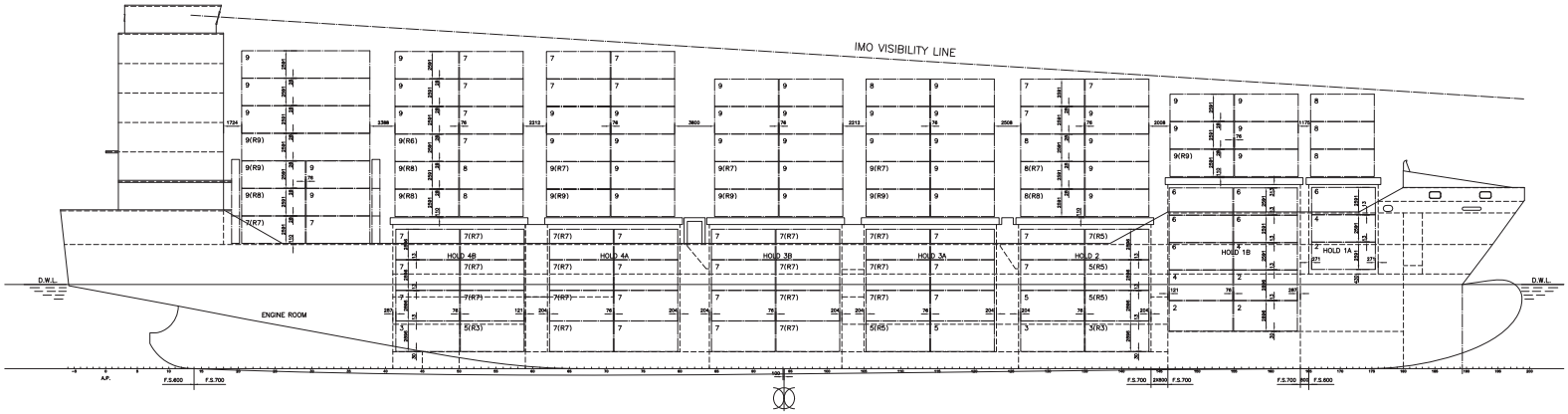
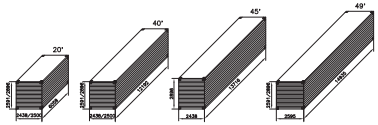
29	27	25	23	21	19	17	15	13	11	09	07	05	03	01	20' BAY
28		24		20		16		12		08		04			40' BAY

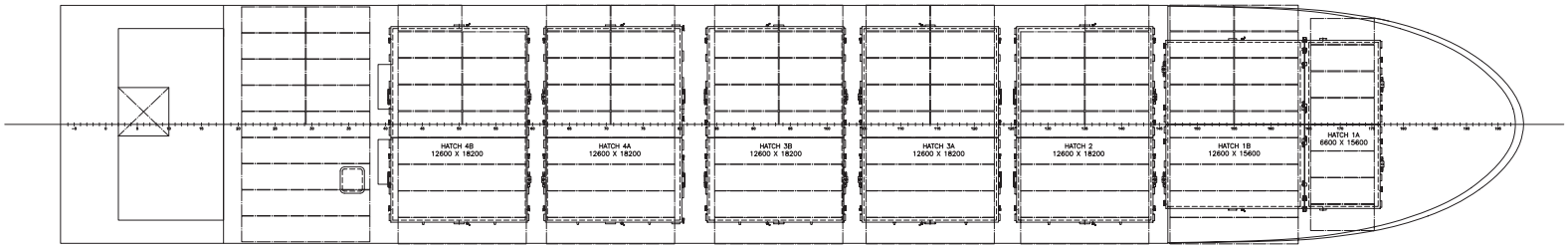


PRINCIPAL PARTICULARS

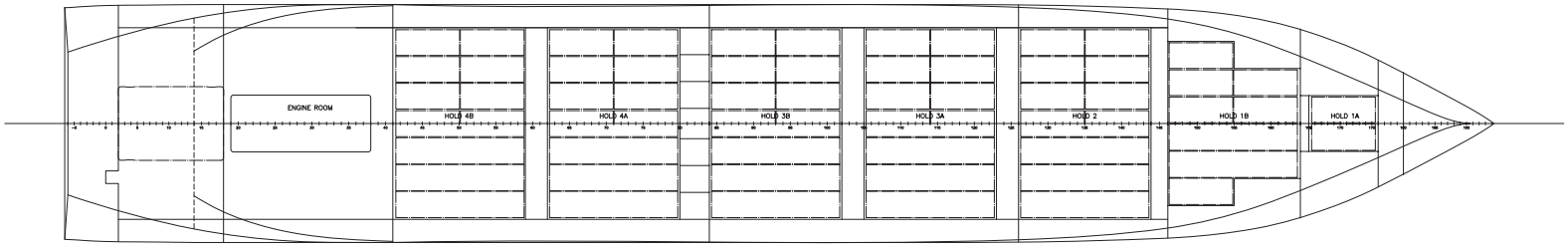
LENGTH O.A.	abt. 139.10 m
LENGTH B.P.	129.00 m
BREADTH MLD.	22.60 m
DEPTH MLD.	11.80 m
DRAFT DESIGN/SCANTLING	8.00/8.80 m
DEADWEIGHT (DESIGN/SCANTLING)	abt. 9600 /11500 m.t.
CONTAINER CAPACITY (TOTAL/DECK/HOLD)	970/658/312TEU
SERVICE SPEED(design draft/90% MCR,15% sea margin)	abt.18.0 knots
CLASS: GL +100 A5 E CONTAINER SHIP, SOLAS II-2, REG.19 DANGEROUS GOODS +MC AUT NAV-O	



FORECASTLE



TWEEN DECK



20' CONTAINERS

THE GRAND TOTAL: Max. 970TEU(H2591)/(821TEU(H2896)+149TEU(H2591)).

	TOTAL (H2896)	TOTAL (H2591)	29	28	27	25	24	23	21	20	19	17	16	15	13	12	11	09	08	07	05	04	03	01	BAY / TIER
ON DECK & COVER		18	9		9																				94
		48	9		9	9		7	7		7														92
	74	97	9*		9*	9*		7*	7*		7*	9*		9*	8*		9	7		7					90
	104	104	9*		9*	9*		7*	9*		9*	9*		9*	9*		9*	7*		9*					88
	123	131	9*		9*	9*		7*	9*		9*	9*		9*	9*		9*	8*		9*	9*		9*	8	86
	132	132	9*		9*	9*		8*	9*		9*	9*		9*	9*		9*	8*		9*	9*		9*	8*	84
	128	128	7*		7*	9*		8*	9*		9*	9*		9*	9*		9*	8*		9*	9*		9*	8*	82
	561	658	61		61	54		44	50		50	45		45	44		45	38		43	27		27	24	TOTAL
IN HOLD		12																			6		6		10
	70	82				7*		7*	7*		7*	7*		7*	7*		7*	7*		7*	6		6		08
	66	84				7*		7*	7*		7*	7*		7*	7*		7*	2+5*		5*	6		4	6	06
	70	76				7*		7*	7*		7*	7*		7*	7*		7*	5*		5*	2+2*		2*	4	04
	54	58				3*		2+3*	7*		7*	7*		7*	5*		5*	3*		3*	2*		2*	2	02
	260	312				24		26	28		28	28		28	26		26	22		20	24		20	12	TOTAL

Notes: The container's figures are marked with * behind for height=9'6" (H2896).
Only four tiers 20'X9'6" (L6058XH2896) containers can be loaded in No.1 Cargo Hold, and the figure is just for your information.

40' & 20' CONTAINERS

THE GRAND TOTAL: Max. 410/455FEU(H2896/2591)+54TEU(H2591)/(26TEU(H2896+28TEU(H2591)).

	TOTAL (H2896)		TOTAL (H2591)		29	28 (40')	27	25	24 (40')	23	21	20 (40')	19	17	16 (40')	15	13	12 (40')	11	09	08 (40')	07	05	04 (40')	03	01	BAY / TIER
	40'	20'	40'	20'																							
ON DECK & COVER	9		9			9*																					94
	9	1	23	1		9*		1*	7			7															92
	32	1	47	1		9*		1*	7*			7*				9*			8			7					90
	50	2	50	2		8*		1*	7*			8*				8*			8*			7*	1*				88
	60	2	60	10		8*		1*	7*			8*				8*			8*			6*	1*		6*	8	86
	60	10	60	10		9*		1*	8*			9*				9*			9*			6*	1*		9*	8*	84
	52	10	58	10		7*		1*	8*			9*				9*			9*			6*	1*		9*	8*	82
	280	26	309	34		61		6	44			50				45			44			38	4		27	24	TOTAL
IN HOLD			8																						6		10
	35		41						7*			7*				7*			7*			7*			6		08
	33		37	10					7*			7*				7*		2	5*		2	4		6	06
	35		35	6					7*			7*				6*					2	2*		4	04
	27		27	4					3*	2		7*				7*			5*			3*		2	02
	130		146	20					24	2		28				28			26		2	20		12	TOTAL

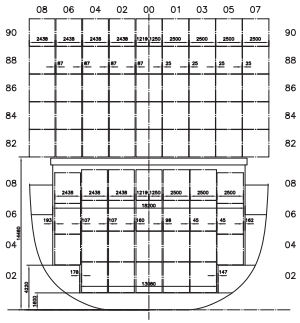
Notes: The container's figures are marked with * behind for height=9'6" (H2896).
Only four tiers 20'/40'X9'6" (L6058/L12192XH2896) containers can be loaded in No.1 Cargo Hold, and the figure is just for your information.

BUILDER	ZHEJIANG YANGFAN SHIP GROUP	SHIP'S No.	
DESIGNER	MARINE DESIGN & RESEARCH INSTITUTE OF CHINA		
	900TEU CONTAINER VESSEL	完工设计	G-5
集装箱布置图	CONTAINER ARRANGEMENT PLAN	Q82,24035,050,005	
	20' & 40'	标记 0	重量kg 比例 1:200
	AS-BUILT DRAWING	共 4 页	第 1 页
		MARIC	

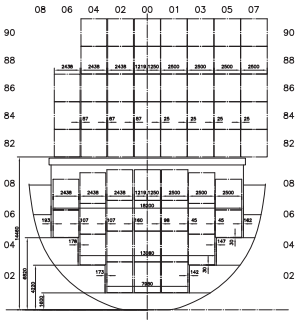
面积: 0.62m²

Q82.24035.050.005

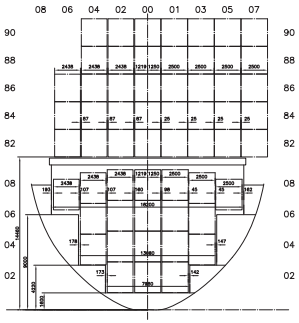
BAY 11



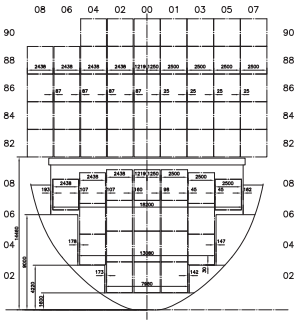
BAY 09



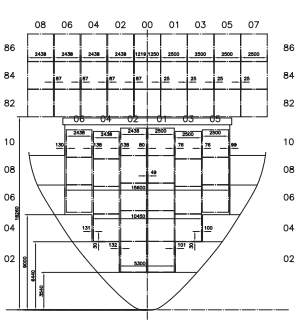
BAY 08



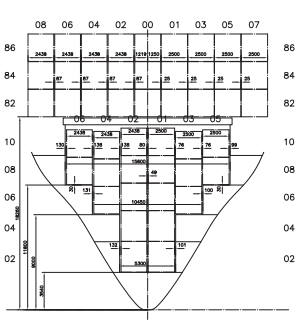
BAY 07



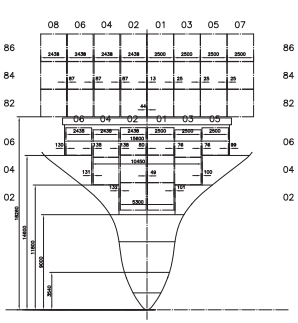
BAY 05



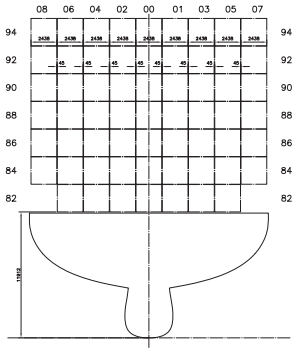
BAY 03
BAY 04



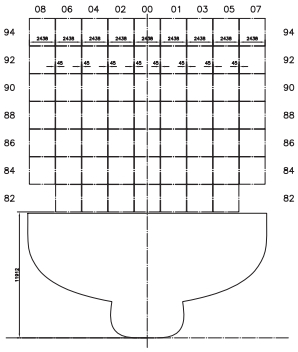
BAY 01



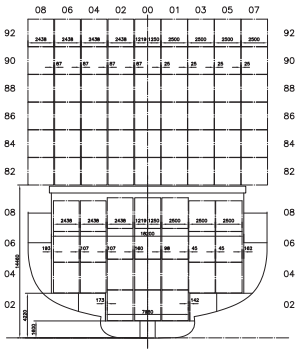
BAY 29



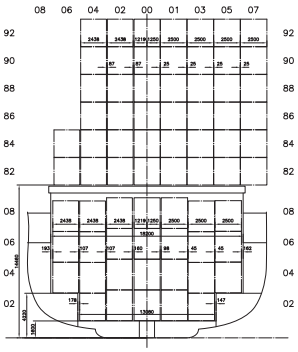
BAY 27
BAY 28



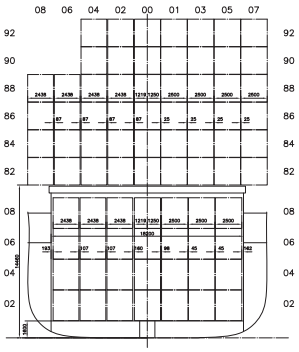
BAY 25



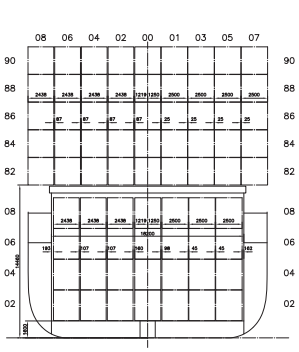
BAY 23
BAY 24



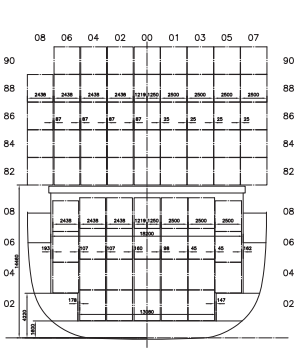
BAY 19, 21
BAY 20



BAY 15, 17
BAY 16



BAY 13
BAY 12



BUILDER	ZHEJIANG YANGFAN SHIP GROUP	SHIP'S No.	
DESIGNER	MARINE DESIGN & RESEARCH INSTITUTE OF CHINA		
	900TEU CONTAINER VESSEL	完工设计	G-5
集装箱布置图 CONTAINER ARRANGEMENT PLAN 20' & 40' AS-BUILT DRAWING		Q82,24035,050,005	
		0	1:200
		共 4 页 第 2 页	
		MARIC	

重量: 0.62m²

Q82,24035,050,005

29	27	25	23	21	19	17	15	13	11	09	07	05	03	20' BAY
				20		16						04		45' BAY

FORECASTLE

BAY 16,20

BAY 04

45' & 40' OR 20' CONTAINERS

THE GRAND TOTAL: Max. 98TEU(H2896)+36/36FEU(H2591/2896)+(630TEU(H2591)/(539TEU(H2896)+91TEU(H2591).

	TOTAL (H2896) 45'	40'	20'	TOTAL (H2591) 40'	20'	29	28 (40')	27	25	24 (45')	23	21	20 (45')	19	17	16 (45')	15	13	12 (45')	11	09	08 (45')	07	05	04 (45')	03	01	BAY / TIER
ON DECK & COVER		9		9			19																					94
		9		9	16		19*		9		7																	92
	16	9	24	9	47		19*		9*		7*		7*			9*		8*		9	7		7					90
	18	9	50	9	50		19*		9*		7*		9*			9*		9*		9*	7*		9*					88
	18		69		69	9*		9*	9*		7*		9*			9*		9*		9*	8*		9*					86
	23		70		70	9*		9*	9*		8*		9*			9*		9*		9*	8*		9*		5*			84
	23		66		66	7*		7*	9*		8*		9*			9*		9*		9*	8*		9*		5*			82
	98	36	279	36	318	25	36	25	54		44		43			45		44		45	38		43		10			TOTAL
IN HOLD					12																			6		6		10
			70		82				7*		7*	7*		7*	7*		7*	7*		7*	7*		7*	6		6		08
			66		84				7*		7*	7*		7*	7*		7*	7*		7*	7*		5*	6		4	6	06
			70		76				7*		7*	7*		7*	7*		7*	7*		7*	7*		5*	2#2*		2*	4	04
			54		58				3*		2#3*	7*		7*	7*		7*	5*		5*	3*		3*	2*		2*	2	02
			260		312				24		26	28		28	28		28	26		26	22		20	24		20	12	TOTAL

Notes: The container's figures are marked with * behind for height=9'6"(H2896).
The container's figures are marked with # for 40' container.

BUILDER	ZHEJIANG YANGFAN SHIP GROUP	SHIP'S No.	
DESIGNER	MARINE DESIGN & RESEARCH INSTITUTE OF CHINA		
	900TEU CONTAINER VESSEL	完工设计	G-5
	集装箱布置图 CONTAINER ARRANGEMENT PLAN 20' & 40' OR 45'	Q82,24035,050,005	
		标 比 0	重量 kg
		比 例 1:200	
	AS-BUILT DRAWING	共 4 页 第 3 页	
		MARIC	

标记 数量 修改单号 签字 日期
设计 审定
制图 描图
校对 描校
审核
标准 日期

面积: 0.50m²

Q82,24035,050,005

29	27	25	23	21	19	17	15	13	11	09	07	05	03	20' BAY
						16						04		49' BAY

FORECASTLE

BAY 16

BAY 04

49' & 40' OR 20' CONTAINERS

THE GRAND TOTAL: Max. 40/40TEU(H2591/2896)+36/36FEU(H2591/2896)+730TEU(H2591)/(659TEU(H2896)+(71TEU(2591)).

	TOTAL (H2896)			TOTAL (H2591)																						
	49'	40'	20'	49'	40'	20'	29	28 (40')	27	25	24 (49')	23	21	20 (49')	19	17	16 (49')	15	13	12 (49')	11	09	08 (49')	07	05	04 (49')	03	01	BAY / TIER
ON DECK & COVER		9			9			#9*																					94
		9			9	30		#9*		9		7	7		7														92
	8	9	38		9	61		#9*		9*		7*	7*		7*		8*		8*		9	7		7					90
	8	9	68	8	9	68		#9*		9*		7*	9*		9*		8*		9*		9*	7*		9*					88
	8		87	8		87	9*		9*	9*		7*	9*		9*		8*		9*		9*	8*		9*					86
	12		88	12		88	9*		9*	9*		8*	9*		9*		8*		9*		9*	8*		9*		4*			84
	12		84	12		84	7*		7*	9*		8*	9*		9*		8*		9*		9*	8*		9*		4*			82
	48	36	365	40	36	418	25	36	25	54		44	50		50		40		44		45	38		43		8			TOTAL
IN HOLD						12																			6		6		10
			82			82				7*		7*	7*		7*	7*		7*	7*		7*	7*		7*	6		6		08
			78			84				7*		7*	7*		7*	7*		7*	7*		7*	2+5*		5*	6		4	6	06
			76			76				7*		7*	7*		7*	7*		7*	7*		7*	5*		5*	2+2*		2*	4	04
			58			58				3*		2+3*	7*		7*	7*		7*	5*		5*	3*		3*	2*		2*	2	02
			294			312				24		26	28		28	28		28	26		26	22		20	24		20	12	TOTAL

Notes: The container's figures are marked with * behind for height=9'6"(H2896).
The container's figures are marked with # for 40' container.

BUILDER	ZHEJIANG YANGFAN SHIP GROUP	SHIP'S No.	
DESIGNER	MARINE DESIGN & RESEARCH INSTITUTE OF CHINA		
	900TEU CONTAINER VESSEL	完工设计	G-5
		Q82,24035,050,005	
集装箱布置图	CONTAINER ARRANGEMENT PLAN	标记	重量kg 比例
	20' & 40' OR 49'	0	1:200
	AS-BUILT DRAWING	共 4 页 第 4 页	
		MARIC	

面积: 0.50m²