

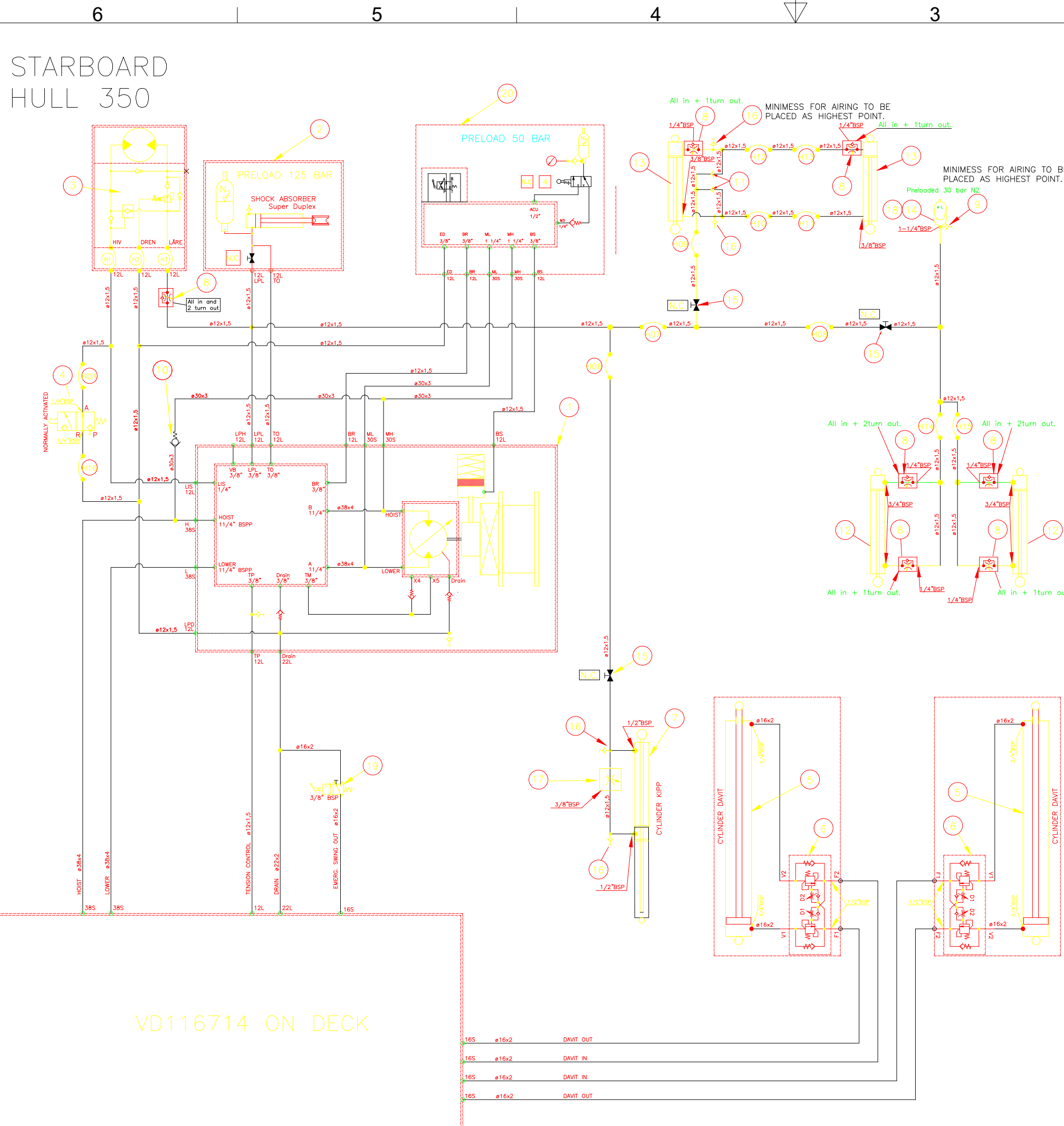
STARBOARD HULL 350

D

C

B

A



REV	COMMENTS	DRAWN BY	CHECKED BY	APPROVED BY	APPROVED DATE
1		PCM	KS	HG	28.06.2021

LEGENDS:

- = NORMALLY CLOSED
- = NORMALLY OPEN

PIPES:

STAINLESS STEEL ACCORDING TO ASTM A269/A213-AISI316L OR EQUIVALENT.

BACK PRESSURE MUST NOT EXCEED 4 BAR DURING IDLE AND 10 BAR DURING OPERATION.

THE INSTALLATION IS TO BE CARRIED OUT ACCORDING TO CLASSIFICATION AUTHORITIES.

GIVEN DIMENSIONS OF PIPES ARE RECOMMENDED BASED UPON PIPE-LENGTHS OF 10M BETWEEN HPU AND PCV, AND 10M BETWEEN PCV AND DAVIT. CONTACT VESTDAVIT IF THE PIPE LENGTH IS LONGER (>20m), LARGE HEIGHT DIFFERENCES OR LARGE AMOUNT OF FITTINGS. SHARP 90° FITTINGS ARE NOT RECOMMENDED. PERFORMANCE OF THE SYSTEM DEPENDS ON THIS.

HYDR. POWER UNIT DATA:

POWER SUPPLY – 70 kW, 400V, 50Hz
 MAX OIL FLOW Q_m = 127 l/min @ 295 bar
 MAX WORKING PRESSURE p_m = 305 bar

NOTES

1. TUBING AND INTERFACE CONNECTIONS BETWEEN POWER UNIT – DAVIT – HOST SHIP ARE NOT INCLUDED IN DELIVERY.
2. SEE HOSE CERTIFICATE FOR HOSE SPECIFICATIONS. HOSE TAGS ARE MARKED DRAWING NUMBER AND HOSE NUMBER.

20	Emergency Lowering Assy	17225	1	A-15404	2018
19	Diverter valve	10635	1	-	Size 5
18	Adapter accumulator neck	17163	1	-	1 1/4" -> 1/2" BSP
17	Throttle valve	11766	1	-	600 SS
16	Minimess fitting	12359	4	-	GMA3/12LOMD71
15	Ball valve	10378	3	-	12L SS
14	Accumulator	15581	1	-	4L
13	Hydraulic cylinder	18457	2	-	63/32-200
12	Hydraulic cylinder	18458	2	-	63/40-370
11	Non return valve	10111	2	-	12L Stainless
10	Non return valve	10121	1	-	30S Stainless
9	Fitting minimess	12103	1	-	EMA3/1/4ED71
8	Throttle check valve	10029	3	-	400 SS
7	Hydraulic cylinder	18456	1	-	90/56x550
6	Load control valve	15992	2	-	Size 33, double
5	Hydraulic cylinder	19447	2	-	140/70-1080
4	Limit switch valve	15296	1	-	T3
3	Wire puller assy	14925	1	A-14825	WS-1K, one motor
2	Shock absorber assy	19080	1	A-15651	140/110x270, 20L
1	Hydraulic winch	16258	1	A-15402	C-394-6-V-S
ITEM	DESCRIPTION	STOCK NO.	QUA.	DWG NO.	REMARKS



Drawing Title PLD-6000 Hydraulic Diagram, Davit MWL 6000 kgs 36 m/min	Designed by	PCM	Designed date	21.06.2021
	Checked by	KS	Checked date	28.06.2021
	Approved by	HG	Approved date	28.06.2021

post@vestdavit.no www.vestdavit.no	Drawing Number VD116715	Rev. 1	Size A3	Project number 92116
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