

BHV HERCULES

Schwimmkran Floating crane



Der Schwimmkran kann Lasten von bis zu 80 t heben, auf dem Wasser transportieren und präzise absetzen. Vorrangig in Bremerhaven, aber auch mit Schlepperassistenz entlang von Binnengewässern, ist der Kran einsetzbar und könnte dort – flexibler als ein Landkran – jegliche Art von Schwergut und messende Ladung um-

schlagen. Durch die wasserseitige Operation werden Kaje-
flächen nicht belastet. Die gehobene Last kann für längere Transporte auf der bordeigenen Lade-
fläche abgelegt und sicher an die gewünschte Stelle gebracht werden.

The floating crane can lift loads up to 80 mt, transport them on water and precisely position them. The crane is primarily employed in Bremerhaven but also with tug assistance along inland waters and is more flexible than mobile or port cranes in the handling of heavy

and/or oversized cargo. Due to the floating cranes, waterside operations do not stain the quay. On the cranes' cargo, loads can be stowed and transported over longer distances before safely being offloaded at their destination.

BHV HERCULES SCHWIMMKRAN/FLOATING CRANE

DATENBLATT/DATA SHEET



DEUTSCH

KASSENZEICHEN: SUK

EIGNER: RHR Reederei Heinrich Rönner GmbH

BAUWERFT: AG Weser, Bremen / Umbau durch BVT Chartering und Logistics GmbH

BEFRACHTER: BVT Chartering und Logistics GmbH

BAUJAHR: 1982 / Umbau 2022/2023

FLAGGE: Deutschland

HEIMATHAFEN: Bremerhaven

Hauptparameter

HEBEKAPAZITÄT PRO KRAN: 80 t

KLASSIFIKATION: SUK

PONTONABMESSUNGEN (L X B X H): 40,40 x 22,95 x 4,50 m

LADEFLÄCHE AN DECK: 36 x 12,5 m

TIEFGANG: ca. 2,69 m

MASCHINEN: 2 x MAN; Typ D2542 MTE

ANTRIEB: 1 x Hatlapa 235 kW, 1x Omega Verhaar Pumpjet 295 kW

HILFSHAKEN 1: bis 15 t

EINSATZBEREICH: Binnenreviere

ENGLISH

CLASS NOTATION: SUK

OWNER: RHR Reederei Heinrich Rönner GmbH

BUILDER/YARD: AG Weser, Bremen / Conversion by BVT Chartering und Logistics GmbH

CHARTERING: BVT Chartering und Logistics GmbH

BUILDING YEAR: 1982 / Conversion 2022/2023

FLAG: Germany

PORT OF REGISTRY: Bremerhaven

Main parameters

LIFTING CAPACITY PER CRANE: 80 t

CLASSIFICATION: SUK

DIMENSIONS (L X B X H): 40,40 x 22,95 x 4,50 m

AREA ON DECK: 36 x 12,5 m

DRAUGHT: Approx. 2,69 m

ENGINE: 2 x MAN; Type D2542 MTE

PROPULSION: 1 x Hatlapa 235 kW, 1x Omega Verhaar Pumpjet 295 kW

SUPPORT HOOK 1: up to 15 t

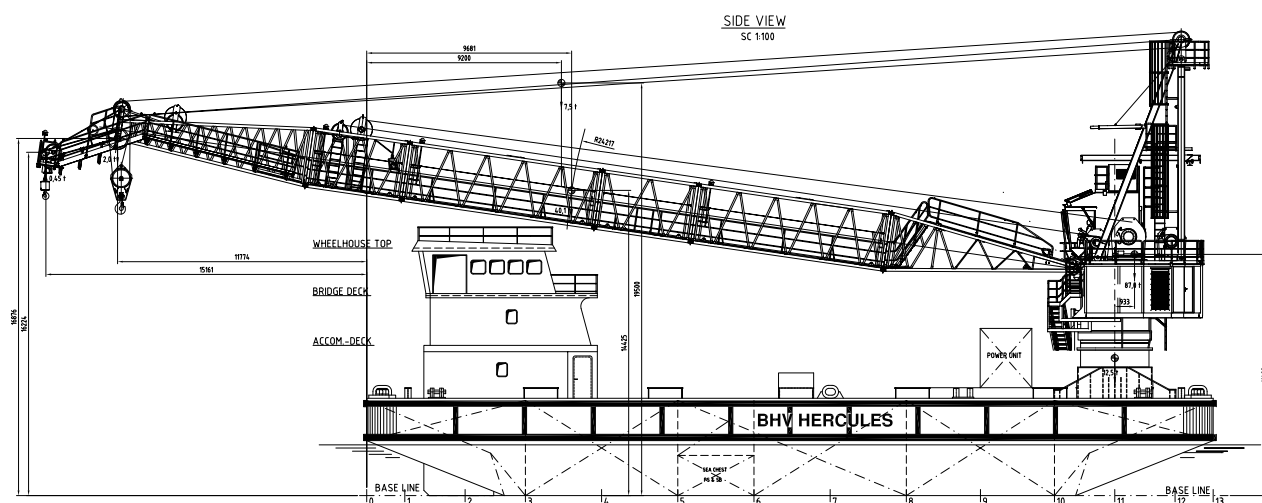
OPERATION AREA: Inland areas

Lasttabelle Haupthaken/Loadsheet

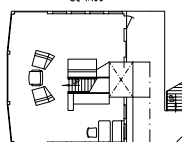
RADIUS (METRES)	BOOM ANGLE (DEGREES)	ON PLATFORM DF=1.33 ON BOARD	SIGNIFICANT WAVE HEIGHT 0.5 METRE OFF BOARD	SIGNIFICANT WAVE HEIGHT 1.0 METRE OFF BOARD	SIGNIFICANT WAVE HEIGHT 2.0 METRE OFF BOARD
6,8	84,9	80,0	80,0	77,0	73,8
8,0	83,5	80,0	80,0	77,0	73,8
10,0	81,0	80,0	80,0	77,0	73,8
12,0	78,6	80,0	80,0	77,0	73,8
14,0	76,1	80,0	80,0	77,0	71,3
16,0	73,6	80,0	79,5	75,0	66,1
18,0	71,0	80,0	73,1	70,0	59,8
20,0	68,4	80,0	67,7	65,0	53,7
22,0	65,8	73,2	63,0	60,0	48,6
24,0	63,1	67,4	58,5	55,6	44,4
26,0	60,3	62,4	54,5	52,2	40,7
28,0	57,5	57,5	50,1	48,7	37,6
30,0	54,5	52,6	46,3	45,0	34,9

BHV HERCULES SCHWIMMKRAN/FLOATING CRANE

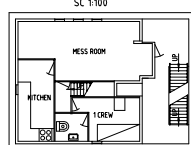
DATENBLATT/DATA SHEET



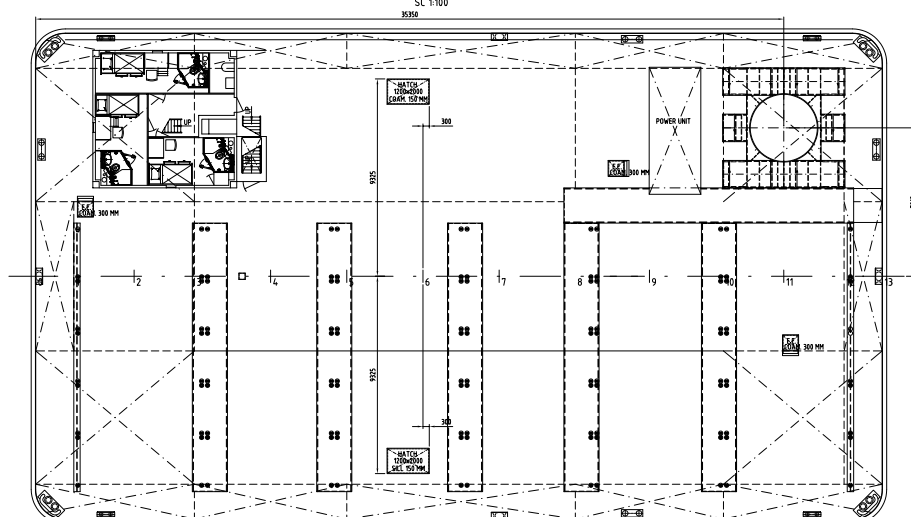
BRIDGE DECK
SC 1:100



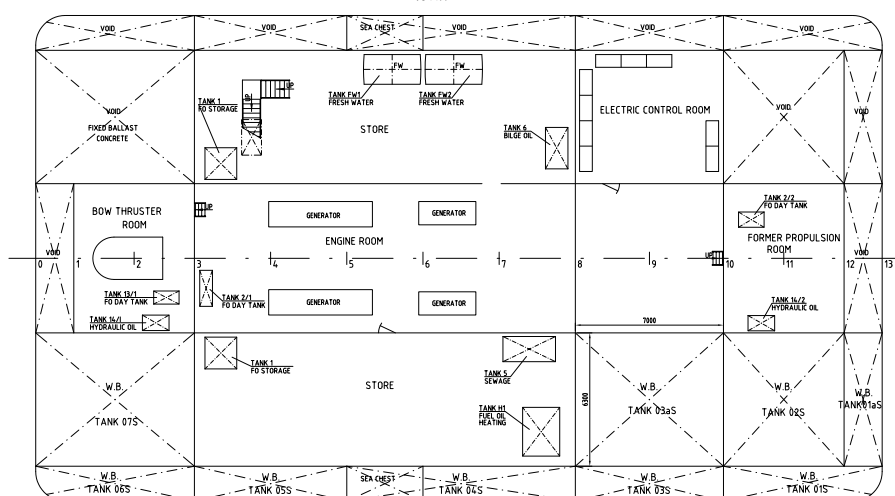
ACCOM.-DECK
SC 1:100



PLAN VIEW
SC 1:100



BOTTOM
SC 1:100



Floating Crane "BHV HERCULES"

SERVICE RANGE: INLAND WATERS ZONE 2 SEE, 2 BINNEN
AND ZONE 4 IN THE HARBOURS OF BREMEN AND BREMERHAVEN

MAIN PARTICULARS:

LENGTH OVER ALL	40,40 m
LENGTH OVER DECK	40,00 m
BREADTH OVER ALL	23,35 m
BREADTH MOULDED	22,95 m
DEPTH MOULDED	4,50 m
LIFTING CAPACITY	80 t/20 m
DRAUGHT MAX.	2,88 m
CAPACITY FUEL OIL	10 m ³
PROPULSION	470KW

Stand 18.10.2022

10	18.10.2022	BE	LOADS AND RANGE OF 80' modified, Container with power unit added
11	18.10.2022	BE	CRS of crane extended, Extension of fuel system, power cables, and tanks added, access completed
12	18.10.2022	BE	Crane jib extended, range of jib added
13	18.10.2022	BE	Crane jib extended, range of jib added
14	18.10.2022	BE	Crane jib extended, range of jib added
15	18.10.2022	BE	Crane jib extended, range of jib added
16	18.10.2022	BE	Crane jib extended, range of jib added
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18	18.10.2022	BE	Crane jib extended, range of jib added
19	18.10.2022	BE	Crane jib extended, range of jib added
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99	18.10.2022	BE	Crane jib extended, range of jib added
100	18.10.2022	BE	Crane jib extended, range of jib added

BVT

CHARTERING & LOGISTICS GMBH

BRIDGE DECK

ACCOM.-DECK

PLAN VIEW

BOTTOM

GENERAL ARRANGEMENT

21030-001-010

1.1

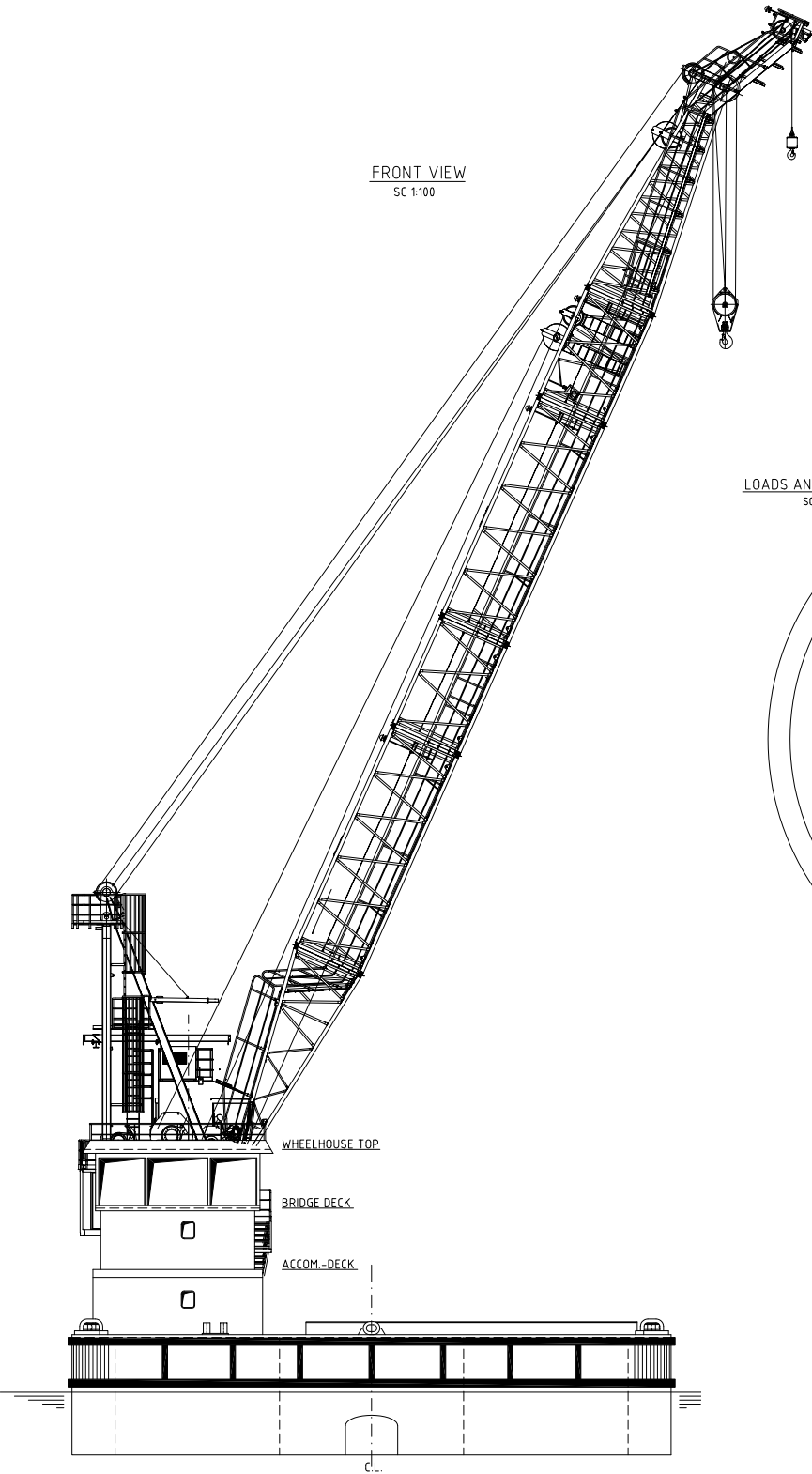
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Project Manager
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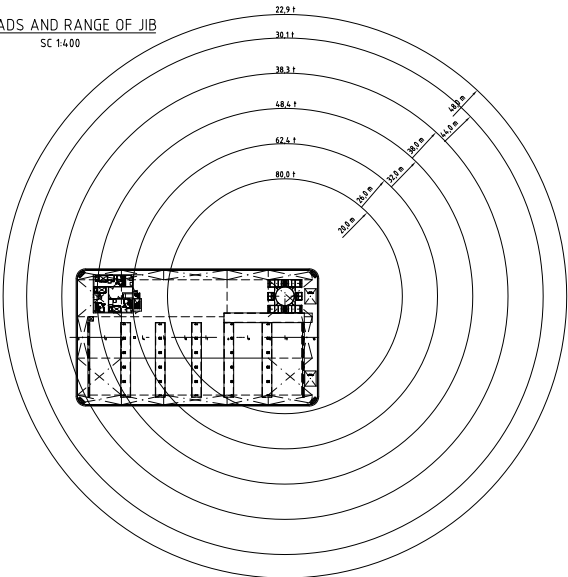
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BHV HERCULES SCHWIMMKRAN/FLOATING CRANE
DATENBLATT/DATA SHEET



FRONT VIEW
SC 1:100

LOADS AND RANGE OF JIB
SC 1:400



Floating Crane "BHV HERCULES"

SERVICE RANGE: INLAND WATERS ZONE 2 SEE, 2 BINNEN
AND ZONE 4 IN THE HARBOURS OF BREMEN AND BREMERHAVEN

MAIN PARTICULARS:

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DEPTH MOULDED	4,50 m
LIFTING CAPACITY	80 1/20 t
DRAUGHT MAX.	2,88 m
CAPACITY FUEL OIL	10 m3
PROPULSION	470KW

Stand 18.10.2022

01	18.10.2022	SE	"LOADS AND RANGE OF JIB" modified, Container with power unit added
02	18.10.2022	SE	COG's of crane amended, Extension of hull, railtrail, mooring system, and tanks added, access completed
03	28.09.2022	SE	Crane jib extended, range of jib added
REV	DATE	NAME	DESCRIPTION
REV	DATE	NAME	DESCRIPTION
Drawn	01.10.2022	HANS-JÜRGEN BECK	General Arrangement
Checked	01.10.2022	SE	Technical Drawing
Drawn	01.10.2022	SE	Technical Drawing
Scale	1:100		
Sheet	1		
Sheet	1		

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CHARTERING & LOGISTICS GmbH

21030-001-010

GENERAL ARRANGEMENT

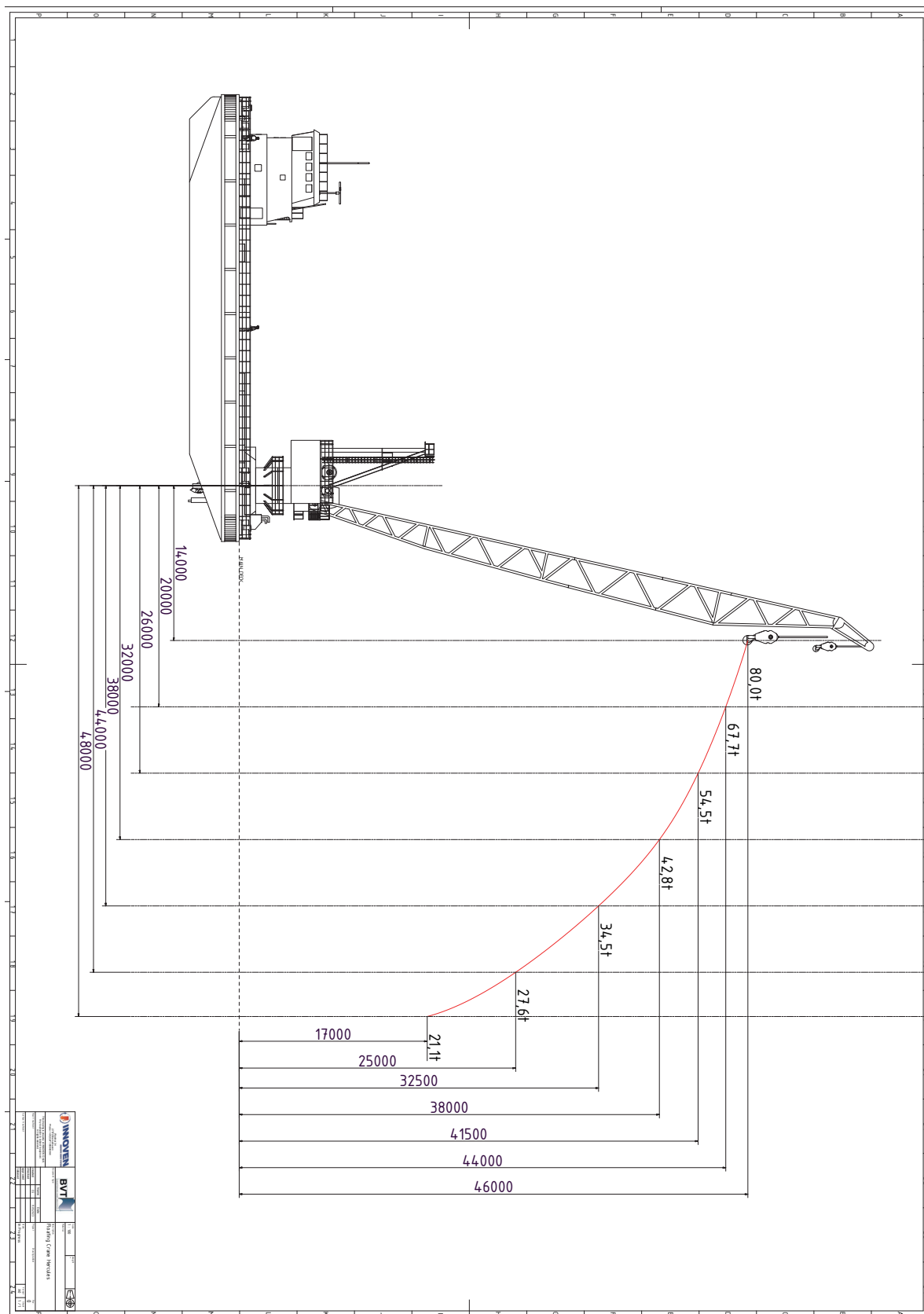
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BHV HERCULES SCHWIMMKRAN/FLOATING CRANE

DATENBLATT/DATA SHEET



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