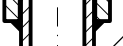


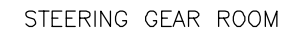
## E 1/5



## E 1/5





## E 1/5



NOTES:

- PIPE DIMENSION OF VENTS ON EXPOSED DECK:

1	13/05/2015	BUREAU VERITAS APPROVED 17/10/2014	
REV.	DATE	DESCRIPTION	
 <b>CCI BAYONNE PAYS BASQUE</b> <i>Euskal Herri</i>		© Astilleros Murueta, S.A. 2012-2014. All rights reserved. This document and its content are property of Astilleros Murueta, S.A. Therefore cannot be disclosed, copied, transformed or used by all means, nor as a whole nor in part, without written and prior consent from its rights holder.	
		TRAILING SUCTION HOPPER DREDGER 1.200 m³	
		<b>TANK VENT AND SOUNDING PIPES DIAGRAM</b>	
		 <b>ASTILLEROS DE MURUETA</b> <small>ENRIQUE MURUETA, S.A. 2000 MURUETA Bizkaia</small>	
	CLASS. SOCIETY BUREAU VERITAS	DRAWN M.U.	SCALE 1/100
	OWNER CCI BAYONNE	CHECKED M.U.	DRAWING N° <b>307.400.000.0</b>
	DATE 23/09/2014	APPROVED J.A.	FORMAT A1
			SHEET 1/1

© Astilleros Murueta, S.A. 2012-2014. All rights reserved  
This document and its content are property of Astilleros

This document and its contents are property of Astilleros Murueta, S.A. Therefore cannot be disclosed, copied, transformed, reproduced or used by all means, nor as a whole nor in part, without written and prior consent from its rights holder.

TRAILING SUCTION HOPPER DREDGER 1 300 m<sup>3</sup>

TRAILING SECTION HOPPER DREDGER 1,200 HP.

TANK VENT AND SOUNDING PIPES DIAGRAM

TANK VENT AND SOUNDING PIPES DIAGRAM		

CLASS. SOCIETY	DRAWN	SCALE
INTERNATIONAL	1:1	1:1000

BUREAU VERITAS	M.O.	1/100
OWNER	CHECKER	DRAWING NO.

OWNER	CHECKED	DRAWING N°
CCI BAYONNE	M.H.	307 400 000 0

CCI BATONNE	M.O.	307.400.000.0	
DATE	APPROVED	FORMAT	SHEET

DATE	APPROVED	FORMAT	SHEET
23/09/2014	JA	A1	1/1

20/06/2017	0.71	71	71
------------	------	----	----

MODIFICATION LIST	
DRAWING N° 307.400.000.01	DRAWING TITLE TANK VENT AND SOUNDING PIPES DIAGRAM

#### **REVISION 1**

- Update the general arrangement.
- Remove vent pipes DV2-2 and DV3-2. Remove fittings VS019 and VS022.
- Move vent pipes DV2-1 and DV3-1 to the main deck between frames 43-44.
- Move sounding pipes SV2 and SV3 to the main deck between frames 30-31. Remove fittings VS021 and VS024. Add fittings VS063 and VS064.
- Add note number 9.
- Update the arrangement of vent and sounding pipes located in midship according to the 3D model.
- Update the capacity of tanks 2P, 2S, 12P and 12S.
- Add void V10. Add fittings VS065 and VS066.

DN	Ser. Numb.	Class	Fabricante Manufact.	Modelo Model	Clase Type	Cuerpo Body	Eje Shaft	Obturator Shutter	Asiento Seat	Volante Handwheel	PN	Observaciones Remarks	Posición Position
100	VS001	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Sea chest 1 vent
100	VS002	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Sea chest 2 vent
100	VS003	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Box cooler chest 1 vent
100	VS004	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Box cooler chest 2 vent
100	VS005	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Box cooler chest 3 vent
100	VS006	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Sea chest 3 vent
100	VS007	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Box cooler chest 4 vent
100	VS008	BV	TTV	lug	butterfly	cast carbon steel	AISI 316 s steel	AISI 316 s steel	EPDM		10	Bureau Veritas	Box cooler chest 5 vent
100	VS009		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 1C vent
40	VS010		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 1C sounding pipe
125	VS011		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 2P vent
40	VS012		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 2P sounding pipe
125	VS013		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 2S vent
40	VS014		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 2S sounding pipe
40	VS015		MACASA	fig.304	sounding cap	steel				bronze	10		PS chain locker sounding pipe
40	VS016		MACASA	fig.304	sounding cap	steel				bronze	10		SB chain locker sounding pipe
100	VS017		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 1 vent
40	VS018		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 1 sounding pipe
125	VS020		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 2 vent
125	VS023		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 3 vent
125	VS025		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 3P vent
40	VS026		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 3P sounding pipe
125	VS027		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 3S vent
40	VS028		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 3S sounding pipe
125	VS029		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 8 vent
125	VS030		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 8 vent
40	VS031		MACASA	fig.304	sounding cap	steel				bronze	10		Void 8 sounding pipe
125	VS032		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 9 vent
125	VS033		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 9 vent
40	VS034		MACASA	fig.304	sounding cap	steel				bronze	10		Void 9 sounding pipe
100	VS035		WINTEB	WIN2000	air pipe head type 1-B	SWR Aluminium		PE	rubber		10		PS overflow main vent
100	VS036		WINTEB	WIN2000	air pipe head type 1-B	SWR Aluminium		PE	rubber		10		SB overflow main vent
40	VS037		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 4P sounding pipe
40	VS038		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 4S sounding pipe
40	VS039		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 5P sounding pipe
40	VS040		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 5S sounding pipe
100	VS041		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 6P vent
40	VS042		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 6P sounding pipe
100	VS043		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 6S vent
40	VS044		MACASA	fig.304	sounding cap	steel				bronze	10		Tank 6S sounding pipe
100	VS045		MACASA	fig.315	sightglass	welded steel					10		PS overflow
100	VS046		MACASA	fig.315	sightglass	welded steel					10		SB overflow
125	VS047		WINTEB	WIN2000	air pipe head type 1-B	SWR Aluminium		PE	rubber		10		Tank 13P vent
40	VS048		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 13P sounding pipe
40	VS049		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 8C sounding pipe
40	VS050		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 9C sounding pipe
125	VS051		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Tank 10C vent
40	VS052		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 10C sounding pipe
100	VS053		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 4 vent
40	VS054		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 4 sounding pipe
100	VS055		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 5 vent
40	VS056		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 5 sounding pipe

DN	Ser. Numb.	Class	Fabricante Manufact.	Modelo Model	Clase Type	Cuerpo Body	Eje Shaft	Obturador Shutter	Asiento Seat	Volante Handwheel	PN	Observaciones Remarks	Posición Position
40	VS057		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Tank 11C sounding pipe
80	VS058		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 6 vent
40	VS059		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 6 sounding pipe
100	VS060		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 7 vent
40	VS061		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 7 sounding pipe
150	VS062		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Bunker station vent
40	VS063		MACASA	fig.304	sounding cap	steel				bronze	10		Void 2 sounding pipe
40	VS064		MACASA	fig.304	sounding cap	steel				bronze	10		Void 3 sounding pipe
50	VS065		WINTEB	WIN2000	air pipe head type 1	SWR Aluminium		PE	rubber		10		Void 10 vent
40	VS066		MACASA	fig.300+301	sounding cock + test valve	bronze	bronze	bronze	bronze	cast iron	10		Void 10 sounding pipe