




Specifications which must be met

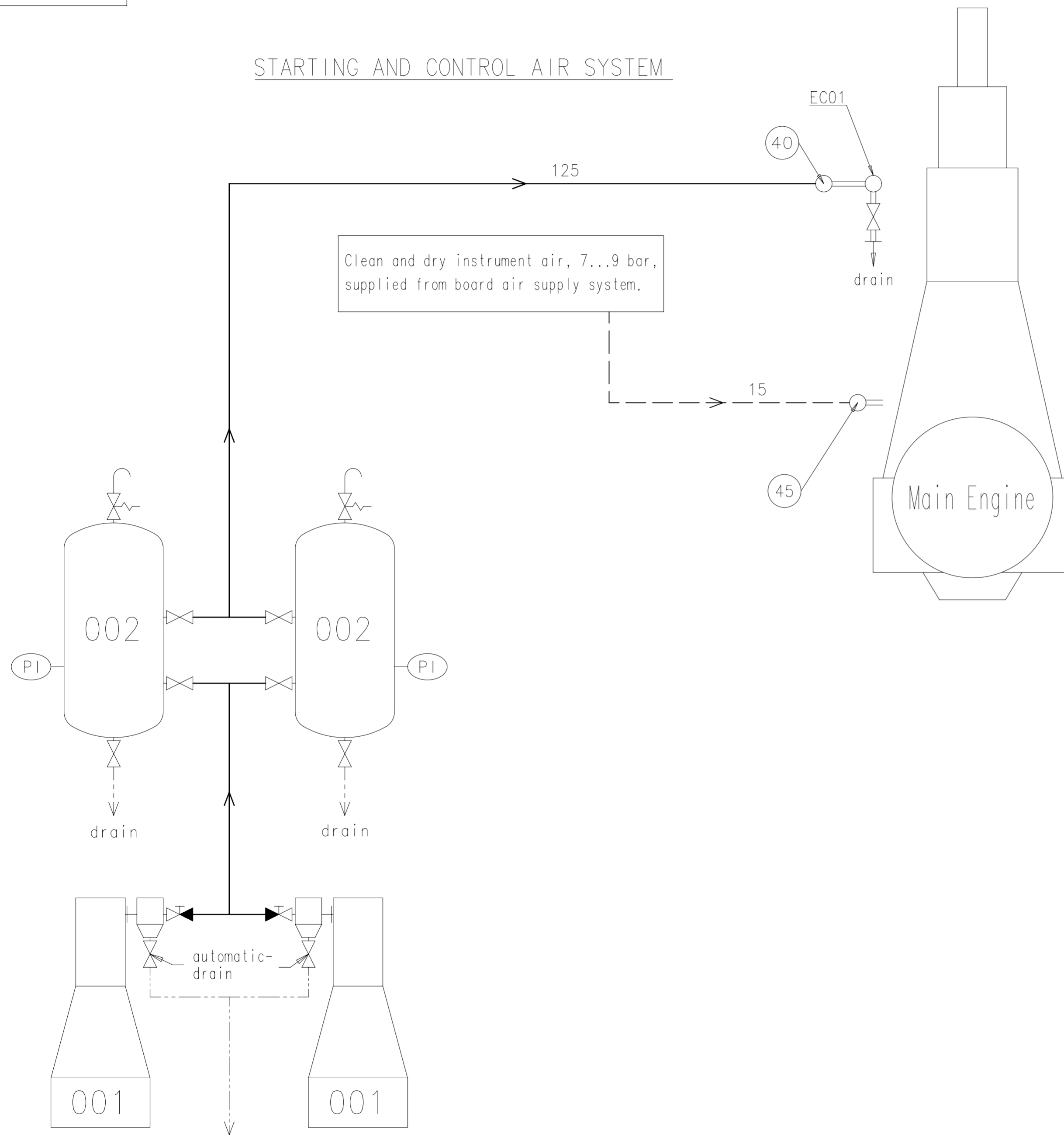
- B
40
 INLET - Starting air
 Starting air pressure: 25 or 30 bar (according to design)
 Capacity of starting air receivers: according to GTD
- B
45
 INLET - Control air
 Control air pressure: 7-9 bar
 Control air quality has to be comply with the compressed air purity class: 2-4-2 according to ISO 8573-1(2010-04-15)

Free space for ltr.									Q-Code XXXXXX	Main Drw. H							
									Standard ISO; JIS								
Modif.	A	EAAD086014	04.12.2015	B	EAAD088933	29.01.2018											
	Number		Drawn date	Number		Drawn date	Number	Drawn date	Number	Drawn date							
				Product W5-8X52 W5-8X52DF				STARTING AIR SYSTEM Anlassluftsystem									
																	
Units		mm kg		NX		 		Basic Material		Net Weight 0.001							
SURFACE PROTECTION SEE GROUP 0344		Made		04.12.2014 wwa008.W.WANG		Scale		-		Size	A3	Page	1/2		Material ID	PAAD177959	
TOLERANCING PRINCIPLE ISO8015		Chkd		16.01.2015 bha009 Haag		Design Group		9725		Drawing ID	DAAD056647				Rev.	B	
GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Appd		16.01.2015 bha009 Haag													

Approved

DID - DIMENSIONAL DRAWING - Confidential

STARTING AND CONTROL AIR SYSTEM



(B)	Pos	System Components *1)
	001	Starting air compressor 25/30 bar (capacity according to GTD)
	002	Starting air receiver 25/30 bar (capacity according to GTD)
(B)	Pos	Engine Connections *2)
(B)	(40)	INLET - Starting air
(B)	(45)	INLET - Control air (for control system and air spring)
(B)	Pos	Engine Components *3)
(B)	EC01	Distribution pipe with automatic starting air shut-off valve
Remarks: (B)		
- Drain plugs and drain cocks to be installed where necessary.		
- Pipe diameters for starting air compressors and auxiliary equipment according to suppliers recommendations.		
*1) Refer to the "Pipe Connection Plan" for the execution and location of the engine pipe connections.		
*2) To be delivered by external supplier and to be installed by the shipyard.		
*3) To be delivered by the engine builder, i.e. already equipoped on engine side		
<p>— Starting air feed pipes</p> <p>- - - Control air pipes</p> <p>— Ancillary equipment pipes</p> <p>- - - Drain pipes</p> <p>— Pipes on engine</p> <p>○ Pipe connections</p>		

Free space for Lic.	Q-Code XXXXX		Main Drw. H
Modif.	(A) EAAD086014	04.12.2015	(B) EAAD088933
Number	Drawn date	Number	Drawn date
Product W5-8X52 W5-8X52DF		STARTING AIR SYSTEM Anlassluftsystem	
Units	mm kg	NX	Basic Material
Made	04.12.2014	w.wa.008.W.WANG	Scale -
Chkd	16.01.2015	bha009 Haag	Design Group 9725
Appd	16.01.2015	bha009 Haag	Size A2 Page 2/2
SURFACE PROTECTION SEE GROUP 0344		Material ID PAAD177959	
TOLERANCING PRINCIPLE ISO8015		Drawing ID DAAD056647	
GENERAL TOLERANCES ACCORDING TO ISO2768-mK		Rev. B	

MIDS WinGD X52/X52DF STARTING-AIR-SYSTEM

TRACK CHANGES

DATE	SUBJECT	DESCRIPTION
2017-02-15	DRAWING SET	First web upload
2018-03-26	DAAD056647	Starting air – new drawing revision

DISCLAIMER

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