

This figure is a detailed technical drawing of a ship's compressed air system, specifically the general purpose compressed air system. The drawing is oriented horizontally, with the ship's hull and deck structure shown in profile. The main components of the system include:

- General Service Air Compressor (732.001):** A vertical cylinder with a motor and drive mechanism, connected to the main air line.
- General Purpose Air Vessel (732.002):** A large horizontal storage tank for compressed air.
- Control Air Vessel (732.003):** A smaller vertical storage tank for control air.
- General Service Air Dryer (732.44.10):** A vertical cylinder used for drying the compressed air.
- General Purpose Compressed Air System (732.002):** The main distribution system for compressed air, including various pipes, valves, and fittings.
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The drawing includes a detailed equipment list on the left side, listing various components and their specifications. The equipment list is as follows:

TAG No.	ITEM	QTY.	CAPACITY (EA)	SPECIFICATION	COMMENTS
584.020.01 & 584.020.02	REVERSE OSMOSIS (RO) PLANT	2	20,000 L/DAY	ENWA SW-20T OR EQUIVALENT	DN15, PN10, SEE REFERENCE #3
582.021.01 & 582.021.02	SAND FILTER	2	TBC	ENWA SA 450-TM OR EQUIVALENT	EXISTING BUT NOT ON ORIGINAL DRAWING, AS TAGGED ON SHIP, 7 BAR OPERATING PRESSURE.
732.44.10	GENERAL SERVICE AIR DRYER	1	3 L/MIN	CECCATO CDX 30	EXISTING UNIT ON VESSEL
803.011	OILY WATER SEPARATOR	1	0.25 M ³ /HR	MARINFLOC CD-0.25	EXISTING UNIT ON VESSEL

The drawing also includes a detailed notes section on the right side, providing additional information about the system. The notes are as follows:

- ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE RULES, REGULATIONS AND REQUIREMENTS AS PER THE CONTRACT SPECIFICATION.
- THIS DIAGRAM IS A SCHEMATIC DIAGRAM OF A SYSTEM, AND IS NOT MEANT TO SHOW THE FINAL LOCATION OF EQUIPMENT OR ITEMS. PIPE ROUTING IS SHOWN FOR GUIDANCE ONLY.
- SYMBOL LIST SHOWN HAS COMBINED SYMBOLS FROM VIKING AND VARD. VIKING SYMBOLS ARE ON THE LEFT, VARD SYMBOLS ON THE RIGHT, WHERE USED.
- GREYED OUT PORTIONS OF DRAWING REPRESENT THE ORIGINAL VIKING DRAWING, SEE REF #1. DARKER SECTIONS REPRESENT MODIFICATIONS.
- BLOWING MUD SYSTEM BRANCH REMOVED, SEE REFERENCE #2.
- BRANCH TO PORT WINCH HOUSE REMOVED.
- REMOVED LINE TO ACTUATORS CEMENT PLANT.
- REMOVED LINE TO EXP. TANK WINCH SYSTEM.
- REMOVED LINE TO AGITATORS.
- REMOVED LINE TO ACTUATORS CEMENT PLANT.
- FOR FUTURE BALLAST WATER TREATMENT UNIT.

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