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		REV.	ECN NO.	ZONE	DESCRIPTION	DATE	APPROVED	
DER ALL OPERATING ULD FACTOR IN LOSSES OR MINIMUM		1	0757		INITIAL RELEASE	11/18/2019	WMG	F
PROPRIATE RESTRICTOR							-	
PPER /ATER ACKET								E
								D
	LOWER WATER JACKET						4	

SEAKEEPER **SCOPE OF SUPPLY**

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5	-	FLOW RESTRICTION VA	BUILDER	В		
4	-	SEA WATER FLOW METH	BUILDER			
3	40435	COOLANT CIRCULATIO	SEAKEEPER			
2	40670	HEAT EXCHANGERWITH	SEAKEEPER			
1	-	SEA WATER PUMP, SEE	BUILDER			
ITEM	SEAKEEPER PART NO.		SUPPLIER			
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SEAKEEPER INCORPORATED. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SEAKEEPER IS PROHIBITED. WEIGHT - LBS : MATERIAL: DRAWN: DATE: WATERIAL:						

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REV. NO. SHEET NO.

1 0F 2

DWG NUMBER

90540

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DRAWN: DATE: WMG 18NOV2019 ENG APPR: DATE: WHK 19NOV2019 PROD APPR: DATE:

GENERAL RECOMMENDATIONS FOR SEAKEEPER COOLING CIRCUIT:

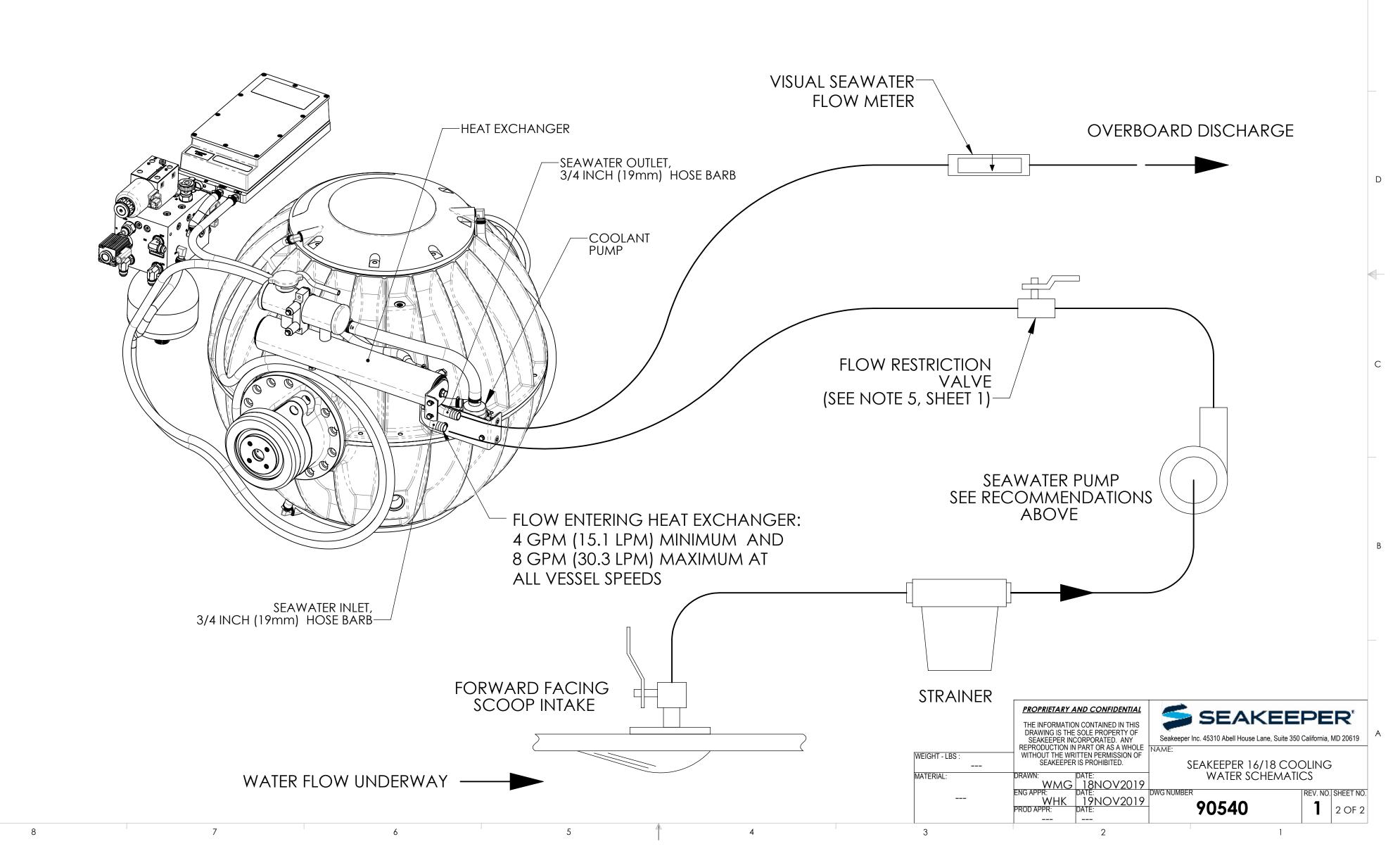
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- SEAKEEPER RECOMMENDS A CONTINUOUS DUTY CENTRIFUGAL STYLE PUMP FOR THIS APPLICATION.
- A SELF PRIMING PUMP IS NOT A REQUIREMENT IF THE LOCATION OF THE INSTALLED PUMP IS BELOW THE VESSEL WATERLINE.
 SEA WATER PUMP SHOULD BE APPROPRIATELY SIZED TO ACCOUNT FOR PLUMBING LOSSES BETWEEN PICK-UP AND OVERBOARD DISCHARGE.

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- THE PUMP MUST NOT BE AT A LOCAL HIGH POINT THAT CAN TRAP AIR AND PREVENT PROPER OPERATION. THE DISCHARGE HOSE OF THE PUMP SHOULD BE ROUTED CONTINUOUSLY UPHILL AS MUCH AS PRACTICAL TO ALLOW PUMP
- TO MAINTAIN PRIME SHOULD A SMALL AMOUNT OF AIR ENTER THE PLUMBING.
- SEA WATER PUMP SHOULD BE RATED FOR SAME MAXIMUM AMBIENT AIR TEMPERATURE (60°C) AS SEAKEEPER. FOR MULTIPLE SEAKEEPER INSTALLATIONS, ONE SEA WATER PUMP PER INSTALLED SEAKEEPER IS RECOMMENDED.
- SEA WATER SCOOP INTAKE SHOULD FACE FORWARD AND SHOULD NOT BE LOCATED NEAR PROPELLERS OR BEHIND HULL PROTRUSIONS THAT WILL DISTURB FLOW.
- IF SEA WATER COOLING WATER TO SEAKEEPER IS PROVIDED FROM A MULTI-PURPOSE PUMP/CIRCUIT, AN AUTOMATIC SHUT-OFF VALVE SHOULD BE INSTALLED TO PREVENT
- FLOW THROUGH SEAKEEPER HEAT EXCHANGER WHEN SEAKEEPER IS NOT IN USE.
- IF MEASURED FLOW FROM DEDICATED OR CENTRAL SEA WATER PUMP IS ABOVE RECOMMENDED LIMITS, A RESTRICTOR VALVE SHOULD BE INSTALLED BETWEEN PUMP AND SEAKEEPER HEAT EXCHANGER TO LIMIT FLOW RATE AND EXTEND LIFE OF THE HEAT EXCHANGER.



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