









SYMBOL	DESCRIPTION
	AC Generator
	AC Motor
	Dual secondary transformer
	Transformer
	Earthing resistors
	Variable Frequency Drive
	Circuit Breaker
	Fused Contactor

DRAWING INDEX

SHEET 1 SYMBOLS
SHEET 2 MAIN 6.6 kV SWITCHBOARDS SINGLE LINE DIAGRAM
SHEET 3 ENGINE ROOM & EMERGENCY SWITCHBOARDS SINGLE LINE DIAGRAM
SHEET 4 SUBSTATION SWITCHBOARDS SINGLE LINE DIAGRAM

REVISIONS

No.	DESCRIPTION	BY/DATE/APPD
-	INITIAL ISSUE	FC 12/08/16 EVR

REFERENCES

No.	TITLE	DWG No.
1	ELECTRICAL DESIGN BASIS	2015-017-03-31
2	ELECTRICAL FUNCTIONAL AND OPERATING PHILOSOPHY	2015-017-03-34
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
*	-	-



DRWN:	FC	DATE:	DEC 08, 2016	SCALE:	NTS
CHKD:	NJD	APPD:	EVR	ACADFILE:	150170330
PROJECT FILE:	2015-017-03		PLOTSCALE:	1:1 (on 11"x17")	
ABS APPROVAL:	-				



U.S. Maritime Administration

NSMV PHASE 3 ELECTRICAL SINGLE LINE DIAGRAMS

OWNER APPVL:	-	HEC DWG No.:	2015-017-03-30
DATE:	-		
FILE:	-	SHEET 1 OF 4	REV -

MAIN SWITCHBOARD RM #2

MAIN SWITCHBOARD RM #1

