



- LEGEND**
- NEW STEEL BULKHEAD – FOR A-CLASS STRUCTURAL FIRE PROTECTION
 - EXISTING STEEL BULKHEAD – TO BE RETAINED
 - MWZ MAIN VERTICAL ZONE BULKHEAD
 - JOINER BULKHEAD – STEEL NOT REQUIRED FOR STRUCTURAL FIRE PROTECTION
 - FIRE RISK CLASSIFICATION FOR SPACE – NUMBERS REFER TO DESIGNATIONS IN SOLAS II-2, REG 9.2.2.4.2
 - MINIMUM REQUIRED FIRE PROTECTION RATING FOR BULKHEADS TAKEN FROM SOLAS CHAPTER II-2, TABLE 9.3
 - CROSS-HATCH INDICATES A-60 DECK
 - CROSS-HATCH INDICATES A-30 DECK

NOTES

1. DECKS ON WHICH NO CROSS-HATCHING IS SHOWN ARE TO BE A-0 FIRE RATING.
2. SPACES CALLED OUT AS "RESERVED" ARE ALLOCATED FOR USE AS CABLE TRUNKS, PIPE TRUNKS, ELECTRICAL PANELS, OR OTHER DISTRIBUTIVE SERVICES. ALL ARE SUBJECT TO DESIGN OF NEW DISTRIBUTIVE SYSTEMS.
3. LOCATION OF STATEROOM DOORS IS TENTATIVE. PENDING INTERIOR DESIGN DEVELOPMENT.
4. TOILET/SHOWER SPACES WITHIN PASSENGER AND CREW CABINS IS PENDING DESIGN DEVELOPMENT.
5. PASSENGER CAPACITY: 36 PERSONS IN 18 STATEROOMS.

- REFERENCES:**
1. DWG No.4308-5E GENERAL ARRANGEMENT
 2. NOAA DWG No.S9-0-2 GEN. ARRGT – 2nd & 3rd DK, ALT.7
 3. NOAA DWG No.S9-0-3 GEN. ARRGT – MAIN & SUPER DEKS, ALT.10
 4. NOAA DWG No.S9-0-7 GEN. ARRGT – BOAT DK, NAV BR, HOUSE TOP ALT.9

REVISIONS

REV	DESCRIPTION	DATE	BY
A	NUMEROUS CHANGES TO REFLECT DISCUSSION WITH OWNER. JANUARY 6, 2009. SEE SEPARATE LIST "4308-2-Revisiona--NOTES.DOC"	1/9/09	AW
B	1. F-DECK GALLEY ACCESS MODS. 2. SHOW EXISTING PILLARS TO BHD FIRE RATINGS. 3. E-DECK CORRIDOR AT FR 39. ADD DOOR, w/ CONSEQUENT CHANGES TO BHD FIRE RATINGS. 4. RELOCATE JOINER BHD ON E-DECK FROM FR40 TO FR46. 5. EXPAND MAIN STAIRWELL ON E-DECK. 6. REVERT TO THRU CORRIDOR ON D-DECK, PORT, FR5 64-82. 7. REPLACE EXISTING CHANGED W/ DOOR AT FR 23, E-DECK w/ NEW SLIDING W/ DOORS.	1/13/09	AW
C	1. UPDATE TO REFLECT REV E TO GEN ARRGT (DWG No.4308-5) 2. ADD FIRE RATING FOR DECKS (CROSS-HATCH). 3. CHANGE DWG TITLE TO INCLUDE DECKS.	8/25/09	AW

ALAN WINKLEY NAVAL ARCHITECTURE, LLC
 1367 Jacobsen Boulevard
 Bremerton, Washington 98310
 (360) 373-8361

EX-OCEANOGRAPHER CONVERSION

BULKHEAD AND DECK FIRE RATINGS



FOR	G-SHIPPIING
SCALE	1:100
DATE	AUGUST 24, 2009
DRAWN BY	ALAN WINKLEY, P.E.
DWG No.	4308-2
REV	C
SHEET	1 / 3