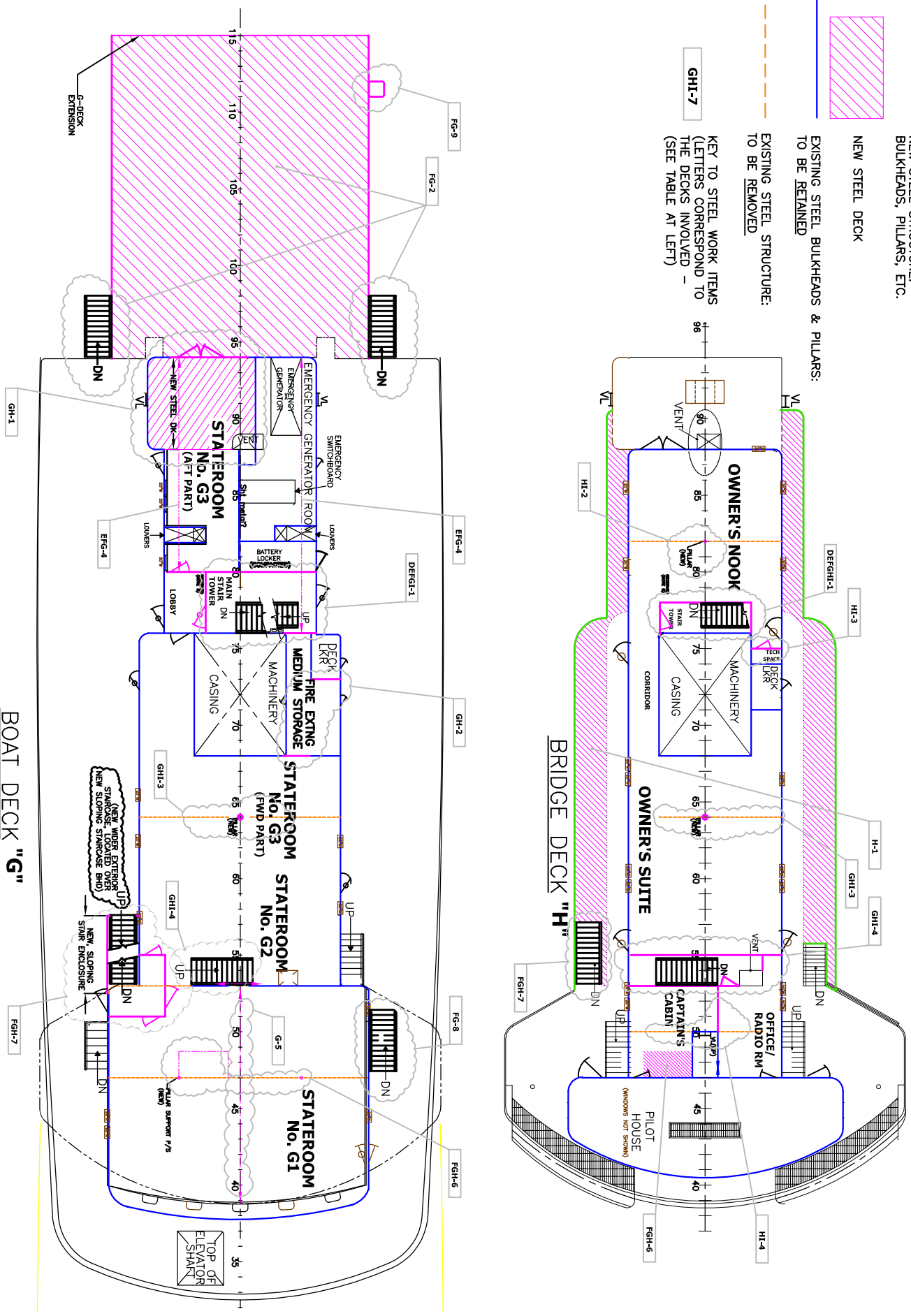


TABLE OF STEEL STRUCTURAL WORK ITEMS (ADDITIONS/REMOVALS)

ITEM "TAG"	DESCRIPTION	FRAME LOCATION	DECK	BULK-HEADS	PILLARS	STAIRS	STEEL DOORWAYS
A-1 WELL CLOSURE - SHELL PLATING (NOT SHOWN)							
B-1 WELL CLOSURE - INNER BOTTOM PLATING (NOT SHOWN)							
CD-1	CORRIDOR BULKHEADS	FR 37-39		ADD			ADD
CDFG-2	FWD STAIR TOWER + ADJACENT BULKHEADS	FR 23-37	TRIM	ADD/REMOVE		ADD/REMOVE	ADD/REMOVE
CDE-3	CREW STAIRCASE, AFT	FR 94-98		TRIM		ADD	ADD
CDEF-4	CREW STAIRCASE	FR 53-57	TRIM	ADD		ADD	ADD
CD-5	REMOVE STAIRWAY C TO D-DKS	FR 94-100	TRIM	REMOVE		REMOVE	REMOVE
DEFGHI-1	MAIN STAIR TOWER + CONTROL ROOM ESCAPE	FR 76-82	TRIM	ADD/REMOVE		ADD/REMOVE	ADD/REMOVE
DEFG-2	AFT STAIR TOWER + BHD REMOVALS	FR 106-118	ADD/TRIM	ADD/REMOVE		ADD	ADD/REMOVE
DE-3	STAIRWAY, D TO E-DK	FR 94-101	TRIM	ADD/REMOVE		ADD	ADD/REMOVE
DEF-4	STAIRWAY ENLARGEMENT	FR 54-60	TRIM	ADD/REMOVE		ADD/REMOVE	ADD/REMOVE
DE-5	BULKHEAD REMOVAL	FR 53-60		REMOVE			
DEF-6	STAIRWAY ENLARGEMENT	FR 34-44	TRIM	ADD/REMOVE		ADD/REMOVE	REMOVE
DE-7	"BEACH" STAIRWAY	FR 119-125	TRIM			ADD	
DEF-8	STAIRWAY ENLARGEMENT	FR 82-94	TRIM	ADD/REMOVE		ADD/REMOVE	ADD/REMOVE
DE-9	BULKHEAD REMOVAL	FR 83-94					ADD
DE-10	BULKHEAD REMOVAL	FR 23-25					ADD
EF-1	AFT HOUSE REPLACEMENT + EXT STAIRWAYS	FR 118-131	ADD/REMOVE	ADD/REMOVE	ADD	ADD/REMOVE	ADD
E-2	HATCHWAY PARTIAL PLATE OVER	FR 28-30	ADD				
EF-3	BULKHEAD REMOVAL	FR 112-118		REMOVE			
EFG-4	SHAFT ALLEY ESCAPE TRUNK UPWARD EXTENSION + PILLARS & GIRDERS	FR 82-95+		ADD	ADD/REMOVE		ADD
EF-5	BULKHEAD REMOVAL	FR 84-94		REMOVE			
EF-6	ELECTRONICS TECH COMPARTMENT	FR 82-84		ADD			ADD
EF-7	BULKHEAD REMOVAL	FR 64-67		REMOVE			REMOVE
EF-8	BULKHEAD REMOVAL	FR 42-46		REMOVE			
EF-9	NEW FAN ROOM BULKHEADS	FR 13-16		ADD			ADD
EF-10	REMOVE STAIRCASES P&S	FR 82-92+	ADD	REMOVE		REMOVE	
F-1	AFT DECK IN-FILL	137-STERN	ADD				
FG-2	NEW DECKHOUSE STRUCTURE (VERANDA, ETC)	FR 94-115	ADD	ADD/REMOVE	ADD	ADD/REMOVE	ADD/REMOVE
FG-3	UPPER GALLEY BULKHEADS	FR 34-37		ADD			ADD
FG-4	PUBLIC RESTROOMS + FIREPLACE ENCLOSURE	FR 60-64		ADD			ADD
FG-5	BULKHEAD REMOVAL P&S	FR 37-41		REMOVE			
FGH-6	PILLAR REPLACEMENT + STAIRWAY REMOVAL	FR 47-49	ADD	REMOVE	ADD	REMOVE	REMOVE
FGH-7	NEW STAIRWAY	FR 51-57	TRIM	ADD/REMOVE		ADD/REMOVE	ADD/REMOVE
FG-8	EXTERIOR STAIRWAY ENLARGEMENT (PORT)	FR 47-52	TRIM			ADD/REMOVE	
FG-9	AFT CRANE FOUNDATION	FR 111-112	REINFORCE		PEDESTAL		
FG-10	BAR STORES BULKHEADS	FR 35-37		ADD			ADD
GH-1	ENCLOSE STATEROOM No. G3	FR 88-94	ADD	ADD			ADD/REMOVE
GH-2	BULKHEADS - FIRE EXTING MEDIUM STORAGE	FR88, FR73		ADD			
GHI-3	PILLARS REPLACE BULKHEAD	FR 64		REMOVE	ADD		REMOVE
GHI-4	NEW STAIRWAY	FR 53-55	TRIM	ADD			ADD
G-5	STRENGTHEN DECK GIRDER AND ARCHWAY	FR 39-53	REINFORCE				
H-1	OVERHANG ENLARGEMENT	FR 53-90+	ADD				
HI-2	PILLAR REPLACES BULKHEAD	FR 82		REMOVE	ADD		REMOVE
HI-3	TECH SPACE	FR 75		ADD			ADD
HI-4	OFFICE/RADIO ROOM/CAPTAIN'S CABIN	FR 50-53		ADD/REMOVE			

LEGEND

- NEW STEEL STRUCTURE: BULKHEADS, PILLARS, ETC.
 - NEW STEEL DECK
 - EXISTING STEEL BULKHEADS & PILLARS: TO BE RETAINED
 - EXISTING STEEL STRUCTURE: TO BE REMOVED
- KEY TO STEEL WORK ITEMS (LETTERS CORRESPOND TO THE DECKS INVOLVED - (SEE TABLE AT LEFT))



NOTE:
STRUCTURAL MODIFICATIONS INVOLVING ONLY THE INSTALLATION AND REMOVAL OF DOORS, HATCHES, MANHOLES ARE GENERALLY NOT CALLED OUT ON THIS DRAWING.

REFERENCES:

- DWG No. 4308-5C GENERAL ARRANGEMENT
- NOAA DWG No. S11-6-2 (ALT 3) "D" DECK PLATING FWD
- NOAA DWG No. S11-6-2 (ALT 5) "D" DECK PLATING AFT
- NOAA DWG No. S11-6-4 (ALT 3) "E" DECK PLATING FWD
- NOAA DWG No. S11-6-5 (ALT 7) "E" DECK PLATING AFT
- NOAA DWG No. S11-6-7 (ALT 5) "F" DECK PLATING AFT
- NOAA DWG No. S11-18-1 (ALT 5) STEEL SCANTLING PLAN

REV	DESCRIPTION	DATE	BY

ALAN WINKLEY NAVAL ARCHITECTURE, LLC 1367 Jacobsen Boulevard Bremerton, Washington 98310 (360) 373-8361	EX-OCEANOGRAPHER CONVERSION STRUCTURAL MODIFICATIONS KEY PLAN
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FOR: G. SHIPPING MALTA, LTD. SCALE: 1/4"=1'-0" DATE: APRIL 29, 2009 DRAWN BY: ALAN WINKLEY, P.E.	DWG No. 4308-6 REV - SHEET 1/3
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