EMERGENZA GAS
INCREMENTO DI CAPACITÀ DI RIGASSIFICAZIONE (DL 17.05.2022, n. 50)
FSRU Ravenna e Collegamento alla Rete Nazionale Gasdotti

Rapporto Preliminare di Sicurezza per la fase di Nulla Osta di Fattibilità (NOF) ai sensi del D.Lgs. 105/15

ALLEGATO D.8.1-C
Planimetrie Antincendio FSRU

Rev.	Descrizione	Elaborato	Verificato	Approvato	Data
1	Emissione per permessi	V. Romano	A. Romano	G. Romano	23/09/2022
0	Emissione per permessi	A. Visigoti	A. Romano	G. Romano	06/07/2022

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FIRE CONTROL & SAFETY PLAN

FOR HN 2074 "BW SINGAPORE"

PRINCIPAL DIMENSIONS

LENGTH O.A.	292.5 M
LENGTH B.P.	281.0 M
BREADTH MOULDED	43.4 M
DEPTH MOULDED	26.6 M
DRAUGHT DESIGNED	11.9 M
DRAUGHT SUMMER LOAD	12.3 M
DRAUGHT SCANTLING	12.9 M
COMPLEMENT	38 persons plus 10 workers
CALL SIGN	PENDING
IMO NO.	9684495
SHIP NAME	BW SINGAPORE

LIST OF FIRE CONTROL & SAFETY PLAN

SYS	Q'TY DECK	Q'TY E/R	SYMBOL	DESCRIPTION
FIRE PROTECTION, DIVISIONS	SEE.PLAN			PRIMARY ESCAPE ROUTE
				SECONDARY ESCAPE ROUTE
				A-CLASS HINGED SELF-CLOSING FIRE DOOR
				A-CLASS HINGED FIRE DOOR
				B-CLASS HINGED SELF-CLOSING FIRE DOOR
				B-CLASS HINGED FIRE DOOR
				"A" CLASS DIVISION
				"B" CLASS DIVISION
				EMERGENCY EXIT

MECHANICAL VENTILATION FAN LIST

SYMBOL	NO.	CAPACITY	PURPOSE
A	1	21,912	NO.1 AHU [illegible]
	2	18,260	NO.2 AHU [illegible]
	3	6,535	SANITARY [illegible]
	4	4,505	GALLEY [illegible]
	5	3,380	GALLEY [illegible]
	6	400	LIFT M/C [illegible]
	7	765	HOSPITAL [illegible]
	8	675	ACTIVITY [illegible]
	9	560	SAFETY [illegible]
	10	370	PANTRY [illegible]
	11	260	LKRs & [illegible]
	12	390	STOREs [illegible]
M	13	470	DECK STO[illegible]
	14	650	CHEMICA[illegible]
	15	650	PAINT STO[illegible]
	16	270	OIL POLLU[illegible]
	17	805	GARBAGE [illegible]
	18	500	BOSUN'S [illegible]
	19	44,900	BOSUN ST[illegible]
	20	86,700	FWD PUM[illegible]
	21	13,000	SWITCH [illegible]
	22	32,900	DUCT KE[illegible]
	23	48,120	PASSAGE [illegible]
	24	27,600	ELECTRIC [illegible]

PLAN HISTORY

Rev.	Date	Reason for Issue	Reason	Prepared by	Checked by	Approved by
—	15 APR. 2014	Prepared by Steel Outfitting Design 1.		C. H. Park		
A	30 MAY. 2014	Revised as follows. 1. Added items. - Emc'y escape symbol for EMR&CMR - Closing device for Elec.room in navi-deck. - Life jacket box on A-deck for life boat.(OFE) 2. Modified items. - Note of following rule according to building spec. Issued for working.	By owner	C. H. Park	S. B. Lim	S. W. Koo
B	26 NOV. 2014	Revised as follows. 1. Added items. - Elec. horn indicated for all area. 2. Modified items. - Arrow mark in E/R modified bigger. - The symbol of Immersion suit (combined life jacket function) - Location of Muster station (Upp. deck→A-deck) 3.Removed items. - Symbol of life jacket & immersion suit for children - Symbol of oversize life jacket & immersion suit. - Symbol of general type life jacket.	By owner	C. H. Park	S. B. Lim	I. C. Seong

NOTE:
FOLLOWING RULES AND REGULATIONS HAVE BEEN COMPLIED WITH:

1) INTERNATIONAL CONVENTION FOR SAFETY OF LIFE AT SEA CONSOLIDATED 1997, 2000 AND AMENDMENTS UP TO 2009.

2) DESIGNED FOR DNV F-AMC NOTATION BUT NOTATION NOT ASSIGNED.

3) IMO RESOLUTION A. 760(18) AND A.952(23) " GRAPHICAL SYMBOLS" FOR FIRE CONTROL & SAFETY PLANS" AND "LIFE SAVING APPLIANCEAND ARRANGEMENTS"

Classification ;
- Det Norske Veritas
+1A1, Tanker for Liquefied Gas Ship type 2G (Membrane tank, Maximum pressure 70kPaG, Minimum temperature -163°C and Specific gravity 500 kg/m³), NAUTICUS(Newbuilding), E0, BIS, TMON, COAT-PSPC(B), NAUT-OC, GAS FUELLED, COMF-V(3)C(3), CSA-2, CLEAN, Recyclable, ***REGAS-2***

Registration ; Bermuda

Hull No.	IMO No.
2074	9684495

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Department ; 411 Steel outfitting design 1	Ship Type ; 170,000 m^3 LNG FSRU	Class. DNV
Hull no. 2074	Ship name ; BW SINGAPORE	
Approved by ; S. W. Koo Checked by ; S. B. Lim Prepared by ; C. H. Park (T.631-9591)	Document Title ; FIRE CONTROL & SAFETY PLAN	
	Buyer Document no.	Rev. No. B
SAMSUNG HEAVY IND.CO., LTD. GEOJE SHIPYARD, KOREA	Builder Document no. VF60220	
	Scale; 1/250 — Unit; mm — Consolidated No.	

FRAME SIZE:(841X2500)

Illustration 8.1a Engine Room Fire Main System

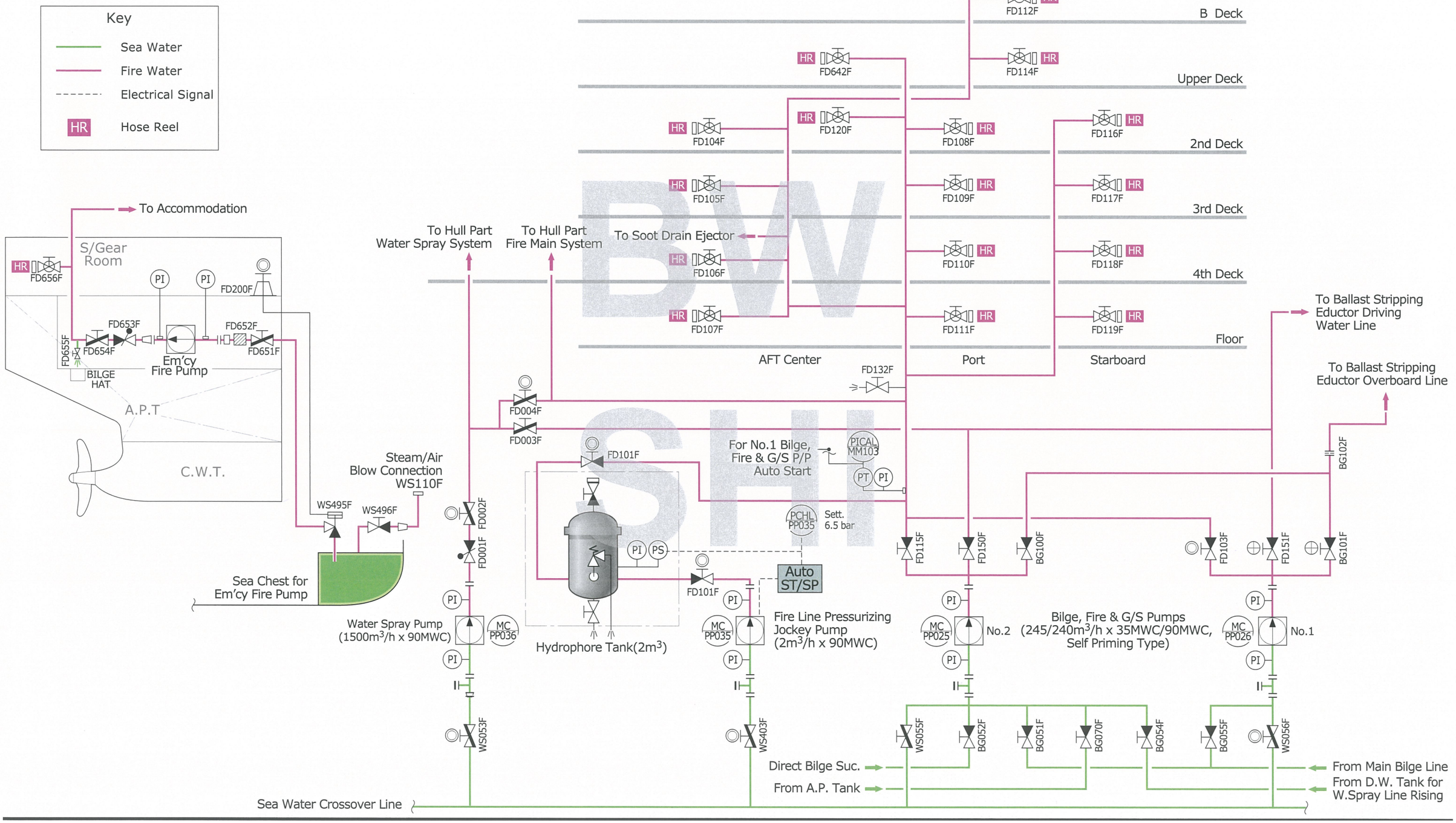
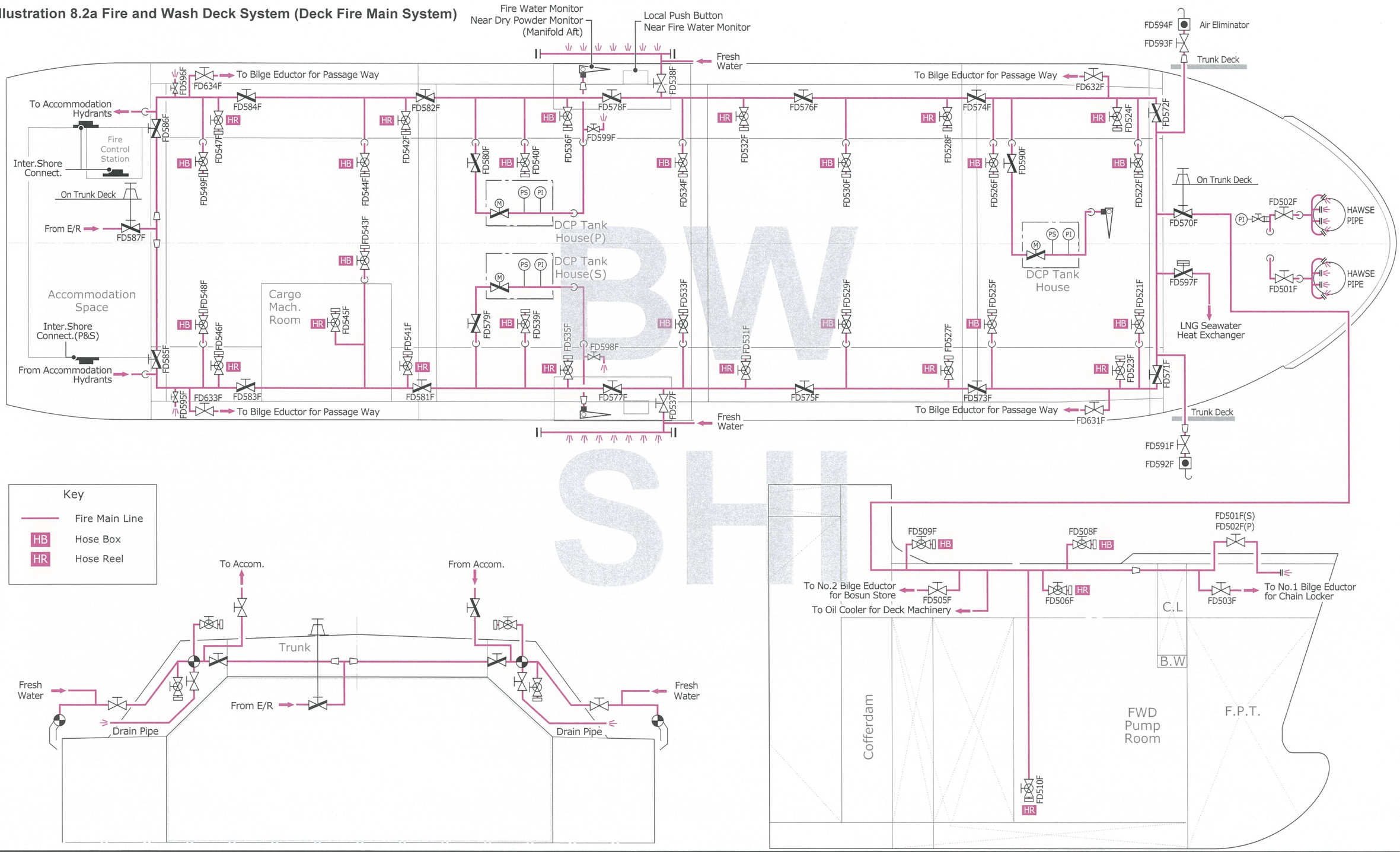


Illustration 8.2a Fire and Wash Deck System (Deck Fire Main System)



Key

- Fire Main Line
- HB Hose Box
- HR Hose Reel

Illustration 8.2b Fire and Wash Deck System (Accommodation Fire Main System)

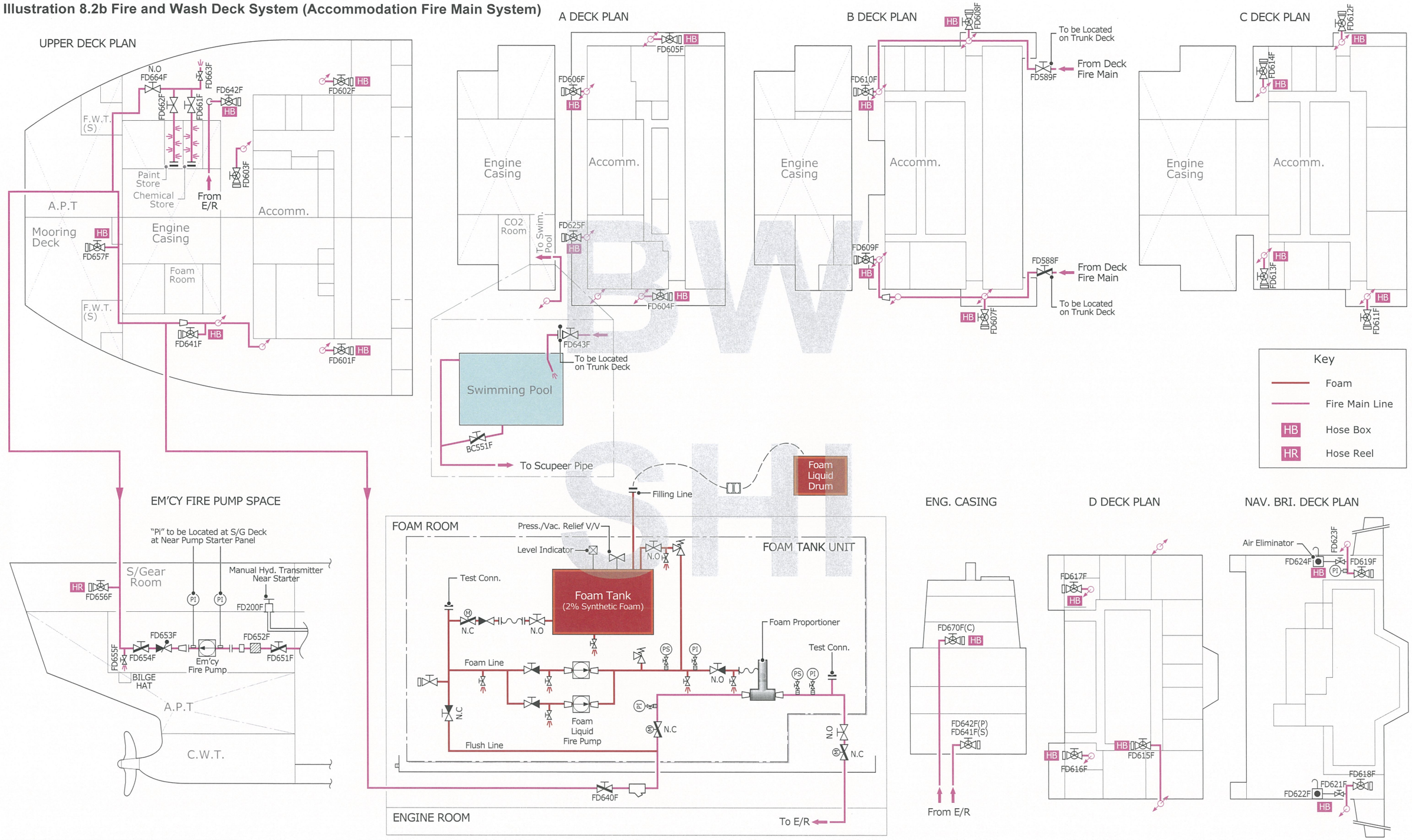


Illustration 8.3a Water Spray System

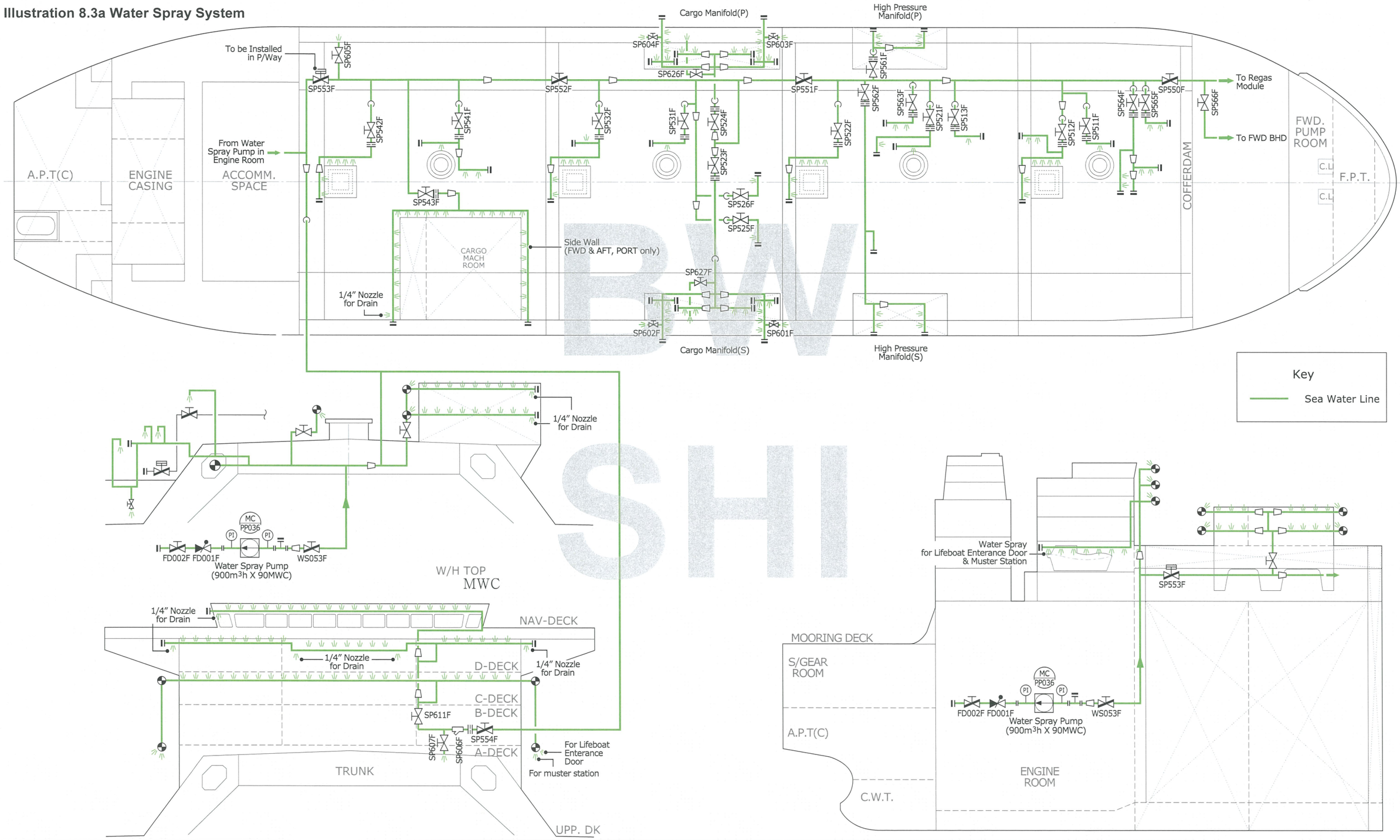
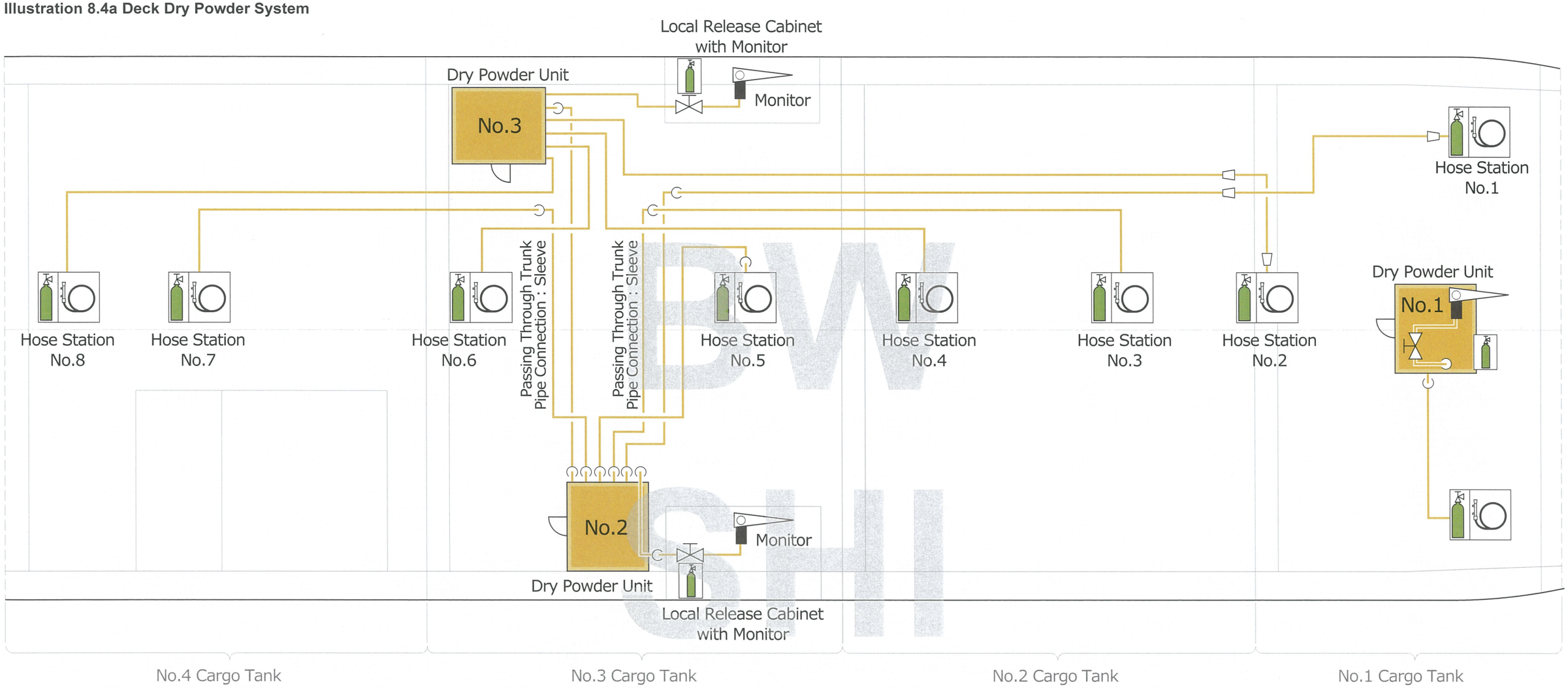


Illustration 8.4a Deck Dry Powder System



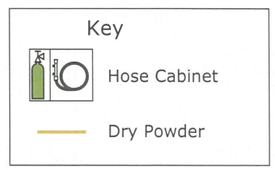


Illustration 8.4b Dry Powder Fire Extinguishing System

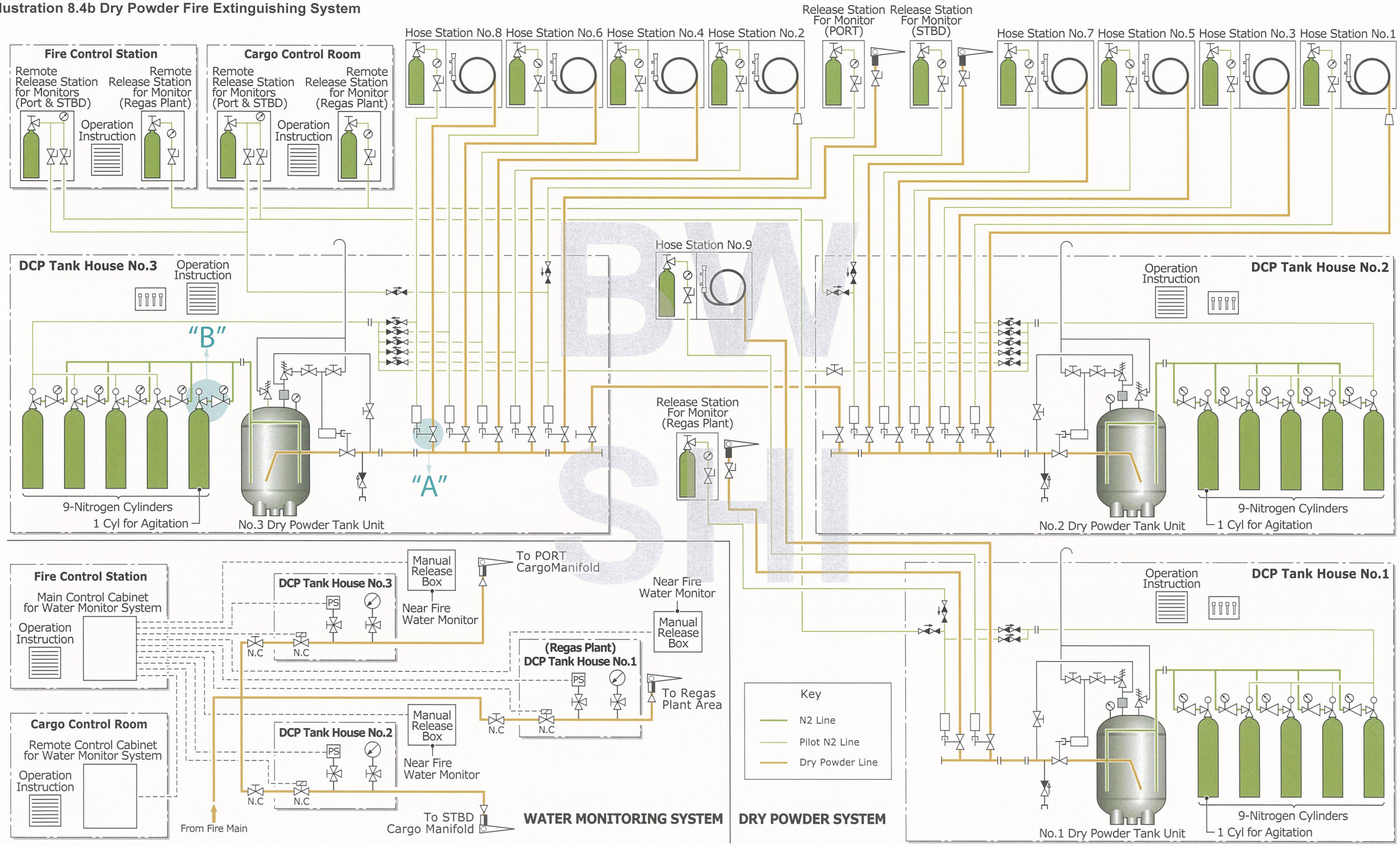
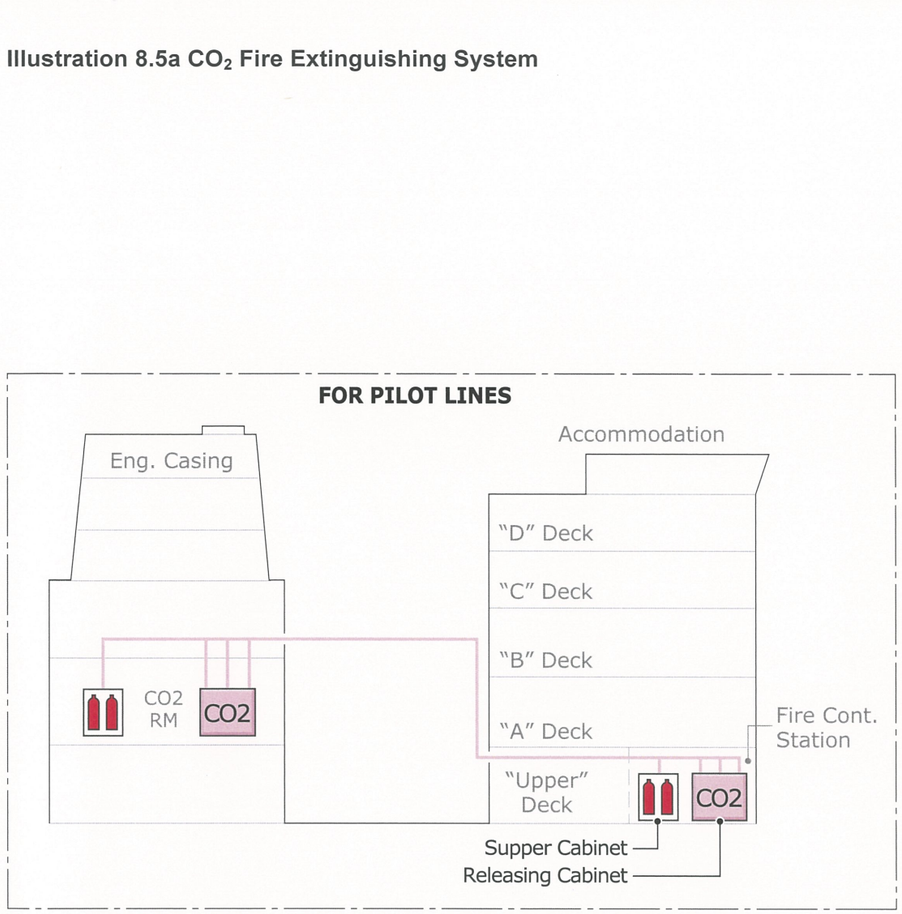
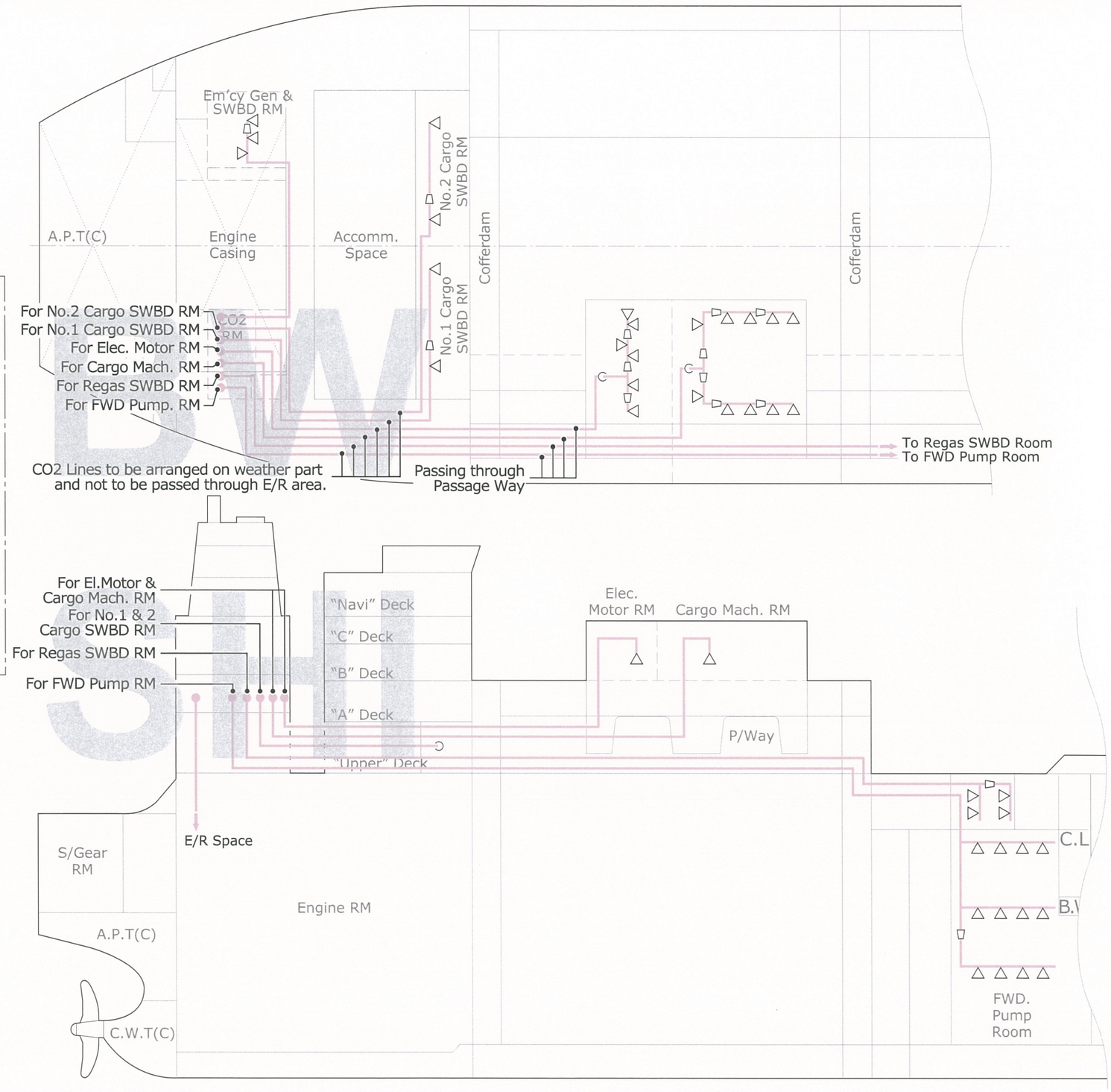


Illustration 8.5a CO_2 Fire Extinguishing System





Key

- CO2 Fire Exiting Line
- Drain Line

Illustration 8.6a Quick Closing Valves and Fire Dampers System

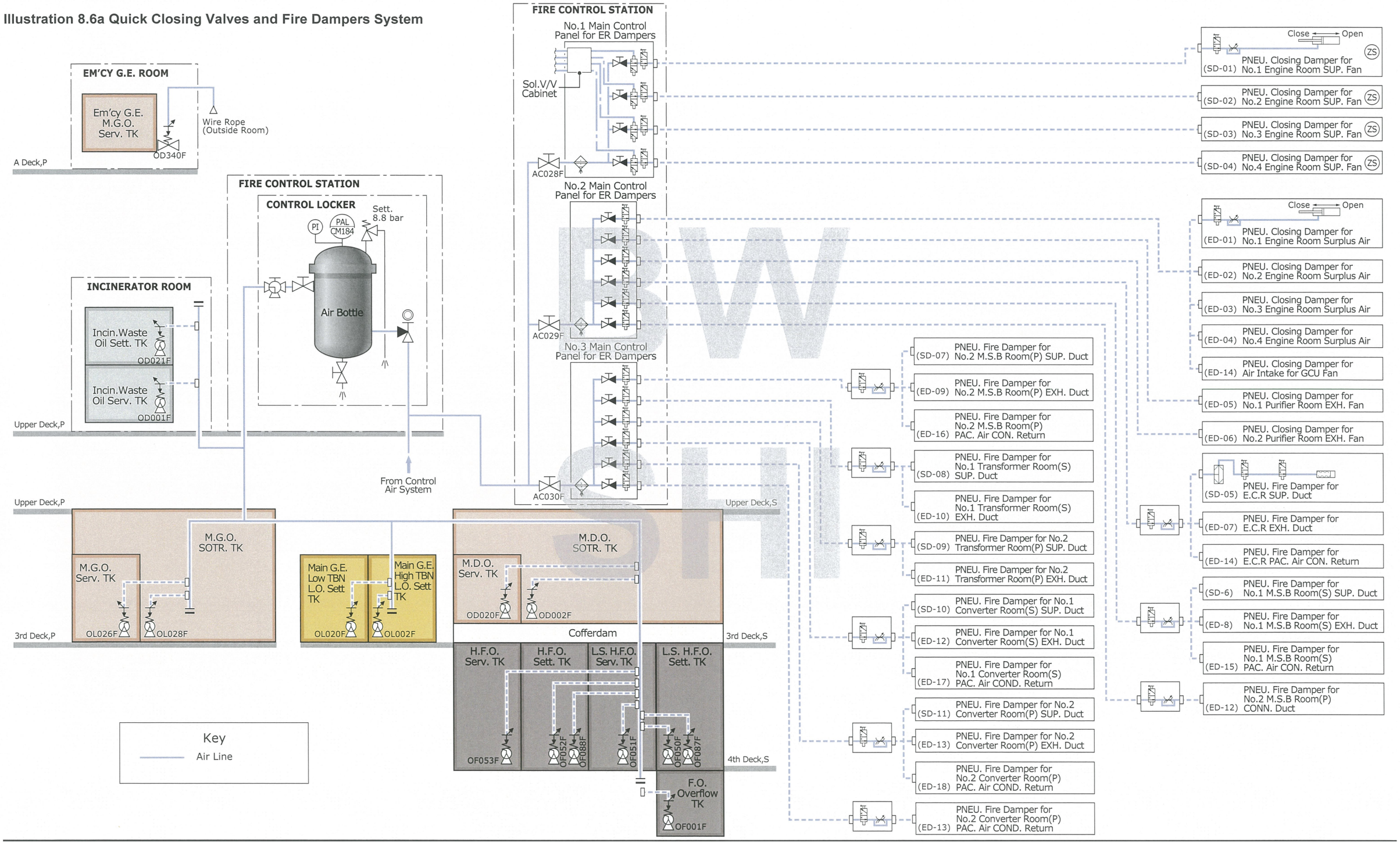


Illustration 8.7a Engine Room Local Fire Fighting System

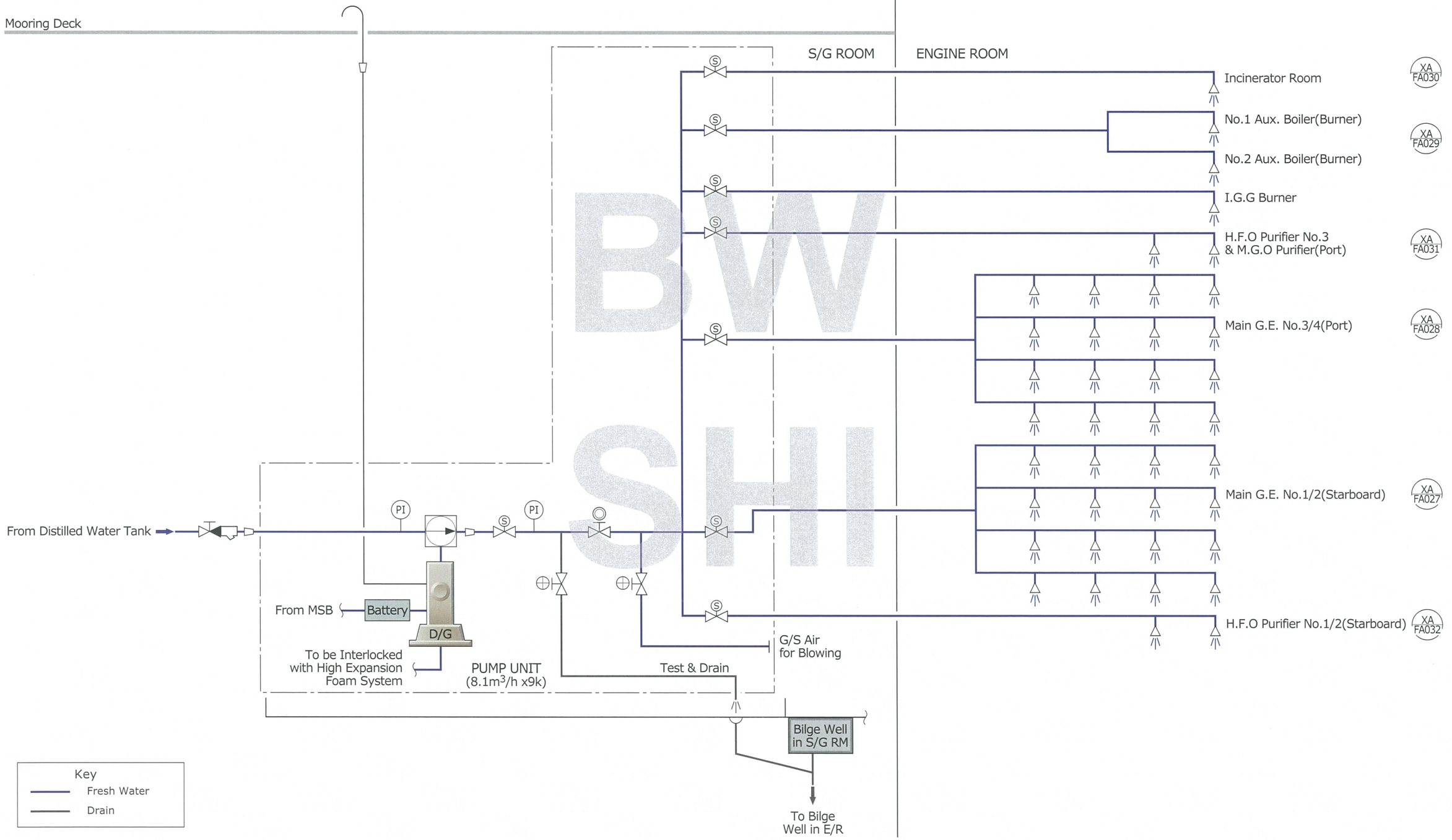
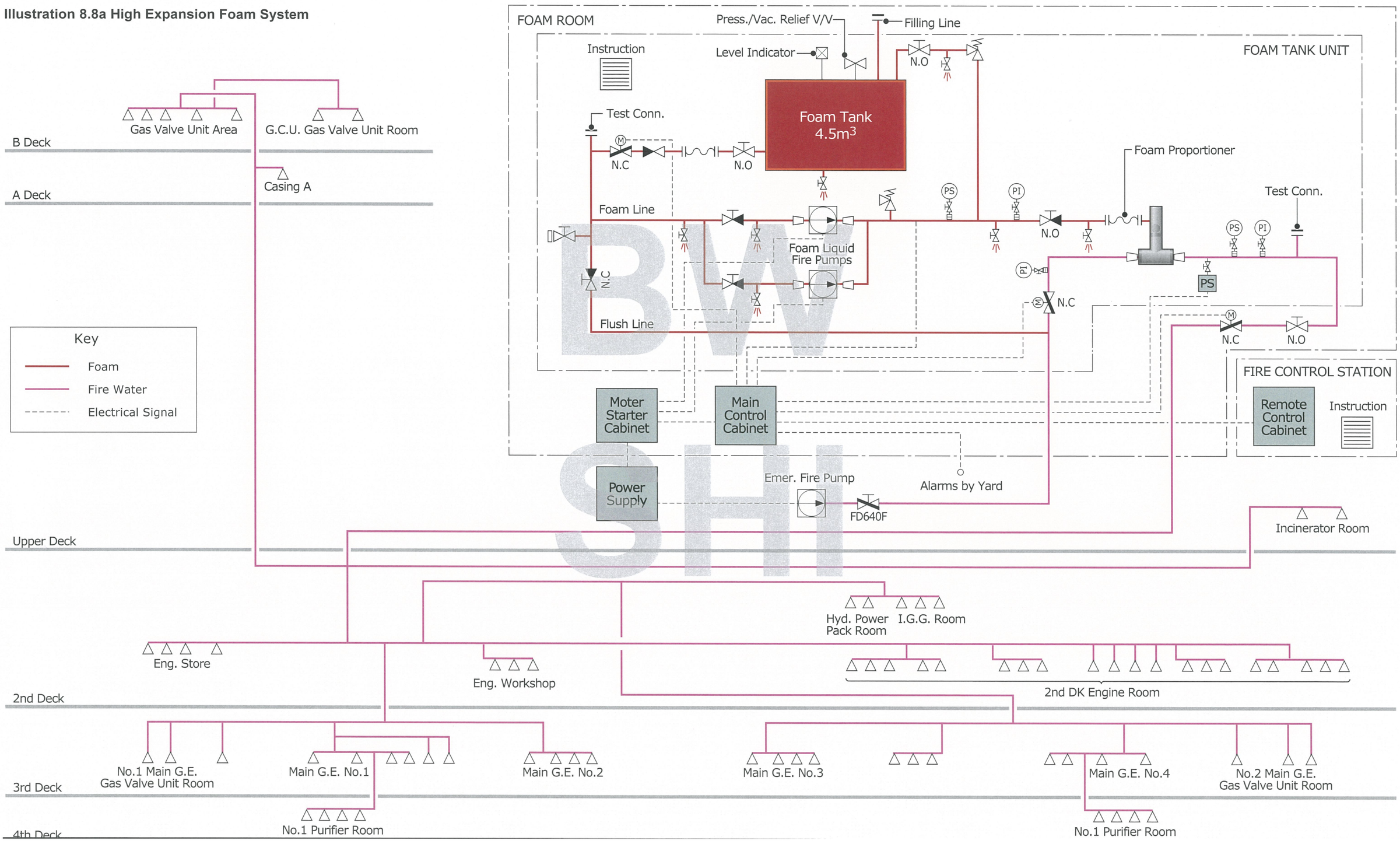



Illustration 8.8a High Expansion Foam System