Appendix B
SAFE Input Data for the Baseline Fire Safety Analysis

The various input data required to perform the baseline fire safety analysis on the CGC DEPENDABLE using SAFE, version 2.2, are documented in this appendix. The following is an index of the tables and attachments contained in this appendix:

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Table B.1.1. Compartment Height and Deck Area

Plan ID	Compartment Name	Height (Ft)	Area (Ft^2)
CUI=AG	(Gear Locker)		
3-12-0-Q	CHAIN LKR	8	24
2-52-02-A	CLEANING GEAR LKR	8	11
2-75-1-A	WARDROBE	8	4
2-78-0-A	HS STORES	8	12.9
2-78-2-A	REC LKR	8	10.9
2-180-2-A	REPAIR PARTY LKR	8	69.6
1-20-2-A	GENERAL STORES	9	45.6
1-52-1-A	SHIPS SERVICE STORE	9	20
1-57-1-A	FWD REPAIR LKR	9	34.6
1-72-0-A	REPAIR ANNEX	9	23.9
01-89-2-A	EQPT LKR	7.5	10.8
CUI=AR	(Refrigerated Storage)		
2-156-0-A	THAW BOX	8	48
2-156-1-A	FREEZER BOX	8	64
2-164-2-A	CHILL BOX	8	56
CUI=AS	(Storeroom)		
4-32-0-A	STOREROOM	7.5	292
4-143-0-A	ENGINEERS STOREROOM	7.5	156
2-16-0-A	BOSUN'S STORES	8	240
2-156-02-A	DRY PROVISIONS STOREROOM	8	140
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	8	188.8
1-1-0-A	GENERAL STORES	9	39.5
1-12-0-A	BOSUN'S STORES	9	139.9
1-159-1-A	DRY STORES	9	12
1-159-2-A	DRY PROVISIONS STORE	9	25
CUI=C	(Ship Control/Communications)		
3-72-0-C	IC AND GYRO ROOM	7.5	192
2-136-0-C	CONTROL BOOTH	8	124.1
02-56-1-C	RADIO ROOM	8	274
02-56-2-C	CIC ROOM	8	213.2
03-62-0-C	PILOT HOUSE	8	324
CUI=EM	(Main Propulsion – Mechanical)		
4-108-0-E	ENGINE ROOM	15.5	1106
CUI=K	(Hazardous Material Storage)		
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	7.5	90
CUI=L1	(Senior Officer's Cabin)		
2-72-1-L	ENGINEERING OFFICER SR	8	105.6
01-44-0-L	CO SR	7.5	97.6
01-44-1-L	CO CABIN	7.5	235.6
01-72-0-L	XO SR	7.5	101.4
01-72-01-L	OPS OFFICER SR	7.5	103.8

Table B.1.1. Compartment Height and Deck Area

Plan ID	Compartment Name	Height (Ft)	Area (Ft^2)
CUI=L2	(Officer/CPO Quarters)		
2-72-4-L	OFFICER SR	8	107.6
2-84-1-L	OFFICER SR	8	131.2
2-84-2-L	OFFICER SR	8	131.2
2-96-1-L	CPO STATEROOM	8	129.6
2-96-2-L	CPO STATEROOM	8	129.6
01-59-0-L	OFFICER SR	7.5	77.8
CUI=L5	(Crews Berthing)		
2-32-01-L	CREW BERTHING	8	349.9
2-52-01-L	CREW BERTHING	8	431
1-32-0-L	CREW BERTHING	9	564
1-52-0-L	CREW BERTHING	9	215
CUI=LL	(Wardroom/Mess/Lounge Areas)		
1-80-0-L	WARDROOM	9	257.6
1-93-0-L	CPO MESS	9	152
1-121-0-L	CREWS MESS	9	510.6
CUI=LM	(Medical/Dental Spaces)		
1-114-0-L	DISPENSARY	9	57.4
CUI=LP	(Passageway/Staircase/Vestibule)		
4-52-01-L	HANDLING PASSAGE	7.5	105.6
2-76-0A-L	PASSAGE	8	46
2-76-0B-L	PASSAGE	8	81.6
2-96-0-L	PASSAGE	8	472
2-140-0A-L	PASSAGE	8	42
2-140-0B-L	PASSAGE	8	55
2-143-2-L	STAIRWAY	8	13.8
2-156-01A-L	PASSAGE	8	40
2-156-01B-L	PASSAGE	8	80
2-156-01C-L	PASSAGE	8	36
2-172-0-L	PASSAGE	8	112
1-52-01A-L	PASSAGE	9	107.6
1-52-01B-L	PASSAGE	9	75
1-52-01C-L	PASSAGE	9	161.1
1-108-1-L	PASSAGE	9	44.2
1-143-2-L	STAIRWAY	9	21
01-69-0-L	PASSAGE	7.5	75.6
02-69-2-L	PASSAGE	8	77.6
02-69-4-L	VESTIBULE	8	6
CUI=LW	(Sanitary Spaces)		
2-32-0-L	CREW WR, WC, SH	8	88.9
2-52-0-L	CREW WR, WC, SH	8	105.6
2-72-0-L	OFFICER WR, WC, SH	8	25.8

Table B.1.1. Compartment Height and Deck Area

Plan ID	Compartment Name	Height (Ft)	Area (Ft^2)
2-72-2-L	OFFICER WR, WC, SH	8	35.2
2-88-1-L	OFFICER WR, WC, SH	8	32
2-88-2-L	OFFICER WR, WC, SH	8	32
2-99-0-L	CPO WR, WC, SH	8	63.2
1-20-4-Q	DECON SHWR	9	14.4
1-52-2-L	CREW WR, WC, SH	9	160.6
01-44-2-L	CO WR, WC, SH	7.5	50
01-56-2-L	OFFICER WR, WC, SH	7.5	46.4
01-87-0-L	XO WR, WC, SH	7.5	30
01-87-1-L	OPS OFFICER WR, WC, SH	7.5	28
CUI=QA	(Aux Machinery Spaces)		
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	7.5	364.8
3-96-0-E	AUX MACHINERY ROOM	7.5	192
4-156-0-E	AUX MACHINERY SPACE	7.5	336
4-188-0-E	STEERING GEAR ROOM	15.5	389
01-92-0-Q	HELO SERVICE	7.5	104.3
CUI=QF	(Fan Room)		
1-63-1-Q	FAN ROOM	9	37
1-63-2-Q	FAN ROOM	9	30
02-81-2-Q	FAN ROOM	8	68.4
02-90-0-Q	PLENUM ROOM	8	119.5
CUI=QG	(Galley/Pantry/Scullery)		
1-114-2-Q	SCULLERY	9	68.6
1-148-0-Q	GALLEY	9	245
CUI=QL	(Laundry)		
1-20-0-Q	LAUNDRY	9	204
CUI=QO	(Office Spaces)		
2-143-2-Q	ENGINEERING OFFICE	8	132.7
1-72-2-Q	SUPPLY OFFICE	9	45.1
1-99-1-Q	SHIPS OFFICE	9	40
CUI=QS	(Shops)		
2-140-1-Q	ENGINEERS WORKSHOP	8	197
2-172-2-Q	ELECTRIC WORKSHOP	8	71.2
02-78-1-Q	ELEC LAB AND STORAGE	8	106.4
CUI=TH	(Trunks/Hoists/Dumbwaiters)		
3-52-2-M	AMMO HOIST	32	11
CUI=TU	(Stacks/Engine Uptakes)		
1-108-0-Q	UPTAKE	9	108
01-99-0-Q	UPTAKE AND FAN ROOM	15.5	219

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
CUI=AG	(Gear Locker)						
3-12-0-Q	CHAIN LKR					0	0
2-52-02-A	CLEANING GEAR LKR					0	0
2-75-1-A	WARDROBE					0	0
2-78-0-A	HS STORES					144	12
		2	V	72	12		
2-78-2-A	REC LKR					144	12
		2	V	72	12		
2-180-2-A	REPAIR PARTY LKR					10359	53
		1	V	10296	99		
		1	V	63	7		
1-20-2-A	GENERAL STORES					75	2
		1	V	24	3		
		1	V	15	3		
		1	V	36	1		
1-52-1-A	SHIPS SERVICE STORE					72	3
		1	V	36	6		
		1	V	36	1		
1-57-1-A	FWD REPAIR LKR					36	1
		1	V	36	1		
1-72-0-A	REPAIR ANNEX					32346	50
		1	V	21978	99		
		1	V	10296	99		
		2	V	36	1		
01-89-2-A	EQPT LKR					0	0
CUI=AR	(Refrigerated Storage)						
2-156-0-A	THAW BOX					0	0
2-156-1-A	FREEZER BOX					0	0
2-164-2-A	CHILL BOX					0	0
CUI=AS	(Storeroom)						
4-32-0-A	STOREROOM					32	3
		1	V	8	2		
		2	V	12	4		
4-143-0-A	ENGINEERS STOREROOM					90	90
		1	H	90	90		
2-16-0-A	BOSUN'S STORES					2592	96
		1	H	2592	96		
2-156-02-A	DRY PROVISIONS STOREROOM					1659	79
		1	V	1659	79		
2-172-1-A	HAWSER & RESCUE					22221	67

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
	EQUIPMENT STORAGE						
		1	V	21978	99		
		1	V	147	7		
		1	H	96	96		
1-1-0-A	GENERAL STORES					0	0
1-12-0-A	BOSUN'S STORES					2592	108
		1	H	2592	108		
1-159-1-A	DRY STORES					0	0
1-159-2-A	DRY PROVISIONS STORE					0	0
CUI=C (Ship Control/Communications)							
3-72-0-C	IC AND GYRO ROOM					0	0
2-136-0-C	CONTROL BOOTH					0	0
02-56-1-C	RADIO ROOM					1000	41
		1	H	480	96		
		1	H	96	96		
		2	V	161	7		
		1	V	102	1		
02-56-2-C	CIC ROOM					387	27
		1	H	192	96		
		1	V	24	8		
		1	V	135	5		
		1	V	36	1		
03-62-0-C	PILOT HOUSE					1728	96
		1	H	1728	96		
CUI=EM (Main Propulsion - Mechanical)							
4-108-0-E	ENGINE ROOM					716	50
		2	V	88	8		
		1	H	396	186		
		2	V	72	24		
CUI=K (Hazardous Material Storage)							
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM					55	5
		1	V	55	5		
CUI=L1	(Senior Officer's Cabin)						
2-72-1-L	ENGINEERING OFFICER SR					317	9
		2	V	136	17		
		1	V	9	3		
		1	V	36	1		
01-44-0-L	CO SR					308	11
		2	V	136	17		
		1	V	36	1		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
01-44-1-L	CO CABIN					308	11
		2	V	136	17		
		1	V	36	1		
01-72-0-L	XO SR					308	11
		2	V	136	17		
		1	V	36	1		
01-72-01-L	OPS OFFICER SR					308	11
		2	V	136	17		
		1	V	36	1		
CUI=L2 (Officer/CPO Quarters)							
2-72-4-L	OFFICER SR					317	9
		2	V	136	17		
		1	V	9	3		
		1	V	36	1		
2-84-1-L	OFFICER SR					317	9
		2	V	136	17		
		1	V	9	3		
		1	V	36	1		
2-84-2-L	OFFICER SR					317	9
		2	V	136	17		
		1	V	9	3		
		1	V	36	1		
2-96-1-L	CPO STATEROOM					184	7
		1	V	136	17		
		1	V	12	3		
		1	V	36	1		
2-96-2-L	CPO STATEROOM					178	6
		1	V	136	17		
		1	V	6	2		
		1	V	36	1		
01-59-0-L	OFFICER SR					308	11
		2	V	136	17		
		1	V	36	1		
CUI=L5 (Crews Berthing)							
2-32-01-L	CREW BERTHING					274	6
		1	V	184	23		
		1	V	24	4		
		2	V	15	3		
		1	V	36	1		
2-52-01-L	CREW BERTHING					192	5
		1	V	88	11		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
		2	V	25	5		
		1	V	18	6		
		1	V	36	1		
1-32-0-L	CREW BERTHING					105	2
		2	V	12	3		
		1	V	24	4		
		1	V	15	3		
		1	V	42	1		
1-52-0-L	CREW BERTHING					349	12
		1	V	184	23		
		1	V	144	18		
		1	V	9	3		
		1	V	12	4		
CUI=LL	(Wardroom/Mess/Lounge Areas)						
1-80-0-L	WARDROOM					641	28
		2	V	136	17		
		1	H	297	108		
		2	V	36	1		
1-93-0-L	CPO MESS					52	1
		2	V	8	2		
		1	V	36	1		
1-121-0-L	CREWS MESS					300	18
		1	V	50	5		
		1	V	78	78		
		1	V	136	17		
		3	V	12	3		
CUI=LM (Medical/Dental Spaces)							
1-114-0-L	DISPENSARY					175	39
		1	V	40	8		
		1	H	99	108		
		1	V	36	1		
CUI=LP	(Passageway/Staircase/Vestibule)						
4-52-01-L	HANDLING PASSAGE					15	5
		1	V	15	5		
2-76-0A-L	PASSAGE					1078	8
		2	V	15	3		
		4	V	136	17		
		4	V	72	12		
		6	V	36	1		
2-76-0B-L	PASSAGE					1078	8
		2	V	15	3		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
		4	V	136	17		
		4	V	72	12		
		6	V	36	1		
2-96-0-L	PASSAGE					624	8
		1	V	184	23		
		2	V	136	17		
		1	V	24	3		
		4	V	36	1		
2-140-0A-L	PASSAGE					310	9
		1	V	102	17		
		1	V	136	17		
		2	V	36	1		
2-140-0B-L	PASSAGE					310	9
		1	V	102	17		
		1	V	136	17		
		2	V	36	1		
2-143-2-L	STAIRWAY					0	0
2-156-01A-L	PASSAGE					1680	41
		1	V	21	3		
		1	V	1659	79		
2-156-01B-L	PASSAGE					1680	41
		1	V	21	3		
		1	V	1659	79		
2-156-01C-L	PASSAGE					1680	41
		1	V	21	3		
		1	V	1659	79		
2-172-0-L	PASSAGE					32346	50
		1	V	21978	99		
		1	V	10296	99		
		2	V	36	1		
1-52-01A-L	PASSAGE					2855	11
		1	H	1881	108		
		4	V	136	17		
		1	V	34	2		
		11	V	36	1		
1-52-01B-L	PASSAGE					2855	11
		1	H	1881	108		
		4	V	136	17		
		1	V	34	2		
		11	V	36	1		
1-52-01C-L	PASSAGE					2855	11

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
		1	H	1881	108		
		4	V	136	17		
		1	V	34	2		
		11	V	36	1		
1-108-1-L	PASSAGE					208	6
		1	V	136	17		
		2	V	36	1		
1-143-2-L	STAIRWAY					0	0
01-69-0-L	PASSAGE					2494	27
		1	H	1890	90		
		4	V	136	17		
		1	V	60	5		
02-69-2-L	PASSAGE					2336	19
		2	V	136	17		
		1	H	1920	96		
		4	V	36	1		
02-69-4-L	VESTIBULE					1936	28
		1	H	1728	96		
		1	V	136	17		
		2	V	36	1		
CUI=LW (Sanitary Spaces)							
2-32-0-L	CREW WR, WC, SH					268	7
		1	V	184	23		
		2	V	24	3		
		1	V	36	1		
2-52-0-L	CREW WR, WC, SH					320	6
		1	V	192	24		
		1	V	32	4		
		1	V	24	4		
		2	V	36	1		
2-72-0-L	OFFICER WR, WC, SH					180	6
		1	V	136	17		
		1	V	8	2		
		1	V	36	1		
2-72-2-L	OFFICER WR, WC, SH					178	6
		1	V	136	17		
		1	V	6	2		
		1	V	36	1		
2-88-1-L	OFFICER WR, WC, SH					181	7
		1	V	136	17		
		1	V	9	3		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
		1	V	36	1		
2-88-2-L	OFFICER WR, WC, SH					181	7
		1	V	136	17		
		1	V	9	3		
		1	V	36	1		
2-99-0-L	CPO WR, WC, SH					181	7
		1	V	136	17		
		1	V	9	3		
		1	V	36	1		
1-20-4-Q	DECON SHWR					36	1
		1	V	36	1		
1-52-2-L	CREW WR, WC, SH					240	7
		1	V	184	23		
		1	V	12	3		
		1	V	8	2		
		1	V	36	1		
01-44-2-L	CO WR, WC, SH					262	36
		1	V	136	17		
		1	H	90	90		
		1	V	36	1		
01-56-2-L	OFFICER WR, WC, SH					188	7
		1	V	136	17		
		1	V	16	4		
		1	V	36	1		
01-87-0-L	XO WR, WC, SH					262	36
		1	V	136	17		
		1	H	90	90		
		1	V	36	1		
01-87-1-L	OPS OFFICER WR, WC, SH					180	6
		1	V	136	17		
		1	V	8	2		
		1	V	36	1		
CUI=QA (Aux Machinery Spaces)							
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM					177	6
		2	V	18	6		
		1	V	36	6		
		1	V	105	7		
3-96-0-E	AUX MACHINERY ROOM					148	6
		2	V	18	6		
		1	V	112	8		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
4-156-0-E	AUX MACHINERY SPACE					167	8
		1	V	63	9		
		1	V	104	8		
4-188-0-E	STEERING GEAR ROOM					144	67
		1	H	99	186		
		1	V	33	11		
		1	V	12	4		
01-92-0-Q	HELO SERVICE					130	47
		1	H	90	90		
		1	V	40	5		
CUI=QF (Fan Room)							
1-63-1-Q	FAN ROOM					279	31
		1	V	279	31		
1-63-2-Q	FAN ROOM					0	0
02-81-2-Q	FAN ROOM					120	5
		1	V	48	8		
		1	V	36	6		
		1	V	36	1		
02-90-0-Q	PLENUM ROOM					4923	48
		2	V	1704	71		
		1	V	375	25		
		2	V	570	38		
CUI=QG (Galley/Pantry/Scullery)							
1-114-2-Q	SCULLERY					271	42
		1	H	99	108		
		1	V	136	17		
		1	V	36	1		
1-148-0-Q	GALLEY					1755	84
		4	H	198	108		
		3	H	297	108		
		2	V	36	1		
CUI=QL (Laundry)							
1-20-0-Q	LAUNDRY					760	7
		2	V	72	8		
		2	V	242	11		
		1	V	96	8		
		1	V	36	1		
CUI=QO (Office Spaces)							
2-143-2-Q	ENGINEERING OFFICE					228	38
		1	V	102	17		
		1	H	90	96		

Table B.1.2 Ventilation Openings: Area and Average Height

Plan ID	Compartment Name	# Vents	H/V	Area (In^2)	Height (In)	Total Area (In^2)	Avg. Height (In)
		1	V	36	1		
1-72-2-Q	SUPPLY OFFICE					52	2
		1	V	16	4		
		1	V	36	1		
1-99-1-Q	SHIPS OFFICE					180	6
		1	V	136	17		
		1	V	8	2		
		1	V	36	1		
CUI=QS (Shops)							
2-140-1-Q	ENGINEERS WORKSHOP					166	6
		1	V	136	17		
		2	V	12	3		
		1	V	6	2		
2-172-2-Q	ELECTRIC WORKSHOP					49	7
		1	V	49	7		
02-78-1-Q	ELEC LAB AND STORAGE					268	38
		1	V	136	17		
		1	H	96	96		
		1	V	36	1		
CUI=TH (Trunks/Hoists/Dumbwaiters)							
3-52-2-M	AMMO HOIST					0	0
CUI=TU (Stacks/Engine Uptakes)							
1-108-0-Q	UPTAKE					8514	108
		2	H	4257	108		
01-99-0-Q	UPTAKE AND FAN ROOM					2574	94
		3	H	90	186		
		6	V	384	48		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
			4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	(CUI	= K)			
S3U	S3U	S3U	4-32-0-A	STOREROOM	75	0	0		
S3I	S3U		(none)	(weather bulkhead)	75.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	75.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	60	0	0		
D04			2-16-0-A	BOSUN'S STORES	90	0	0	HL	X
			4-32-0-A	STOREROOM	(CUI	= AS)			
S3U	S3U	S3U	4-16-0-K	FLAMMABLE LIQUIDS ST	75	0	0		
S3U	S3U	S3I	3-52-2-M	AMMO HOIST	6	0	0		
S3U	S3U	S3I	4-52-0-Q	ARMORY AND WORKSHOP	75	0	0		
S3U	S3U	S3U	4-52-01-L	HANDLING PASSAGE	28.5	0	0		
S3U	S3U	S3I	4-52-1-M	SMALL ARMS MAG	34.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	153.9	0	0		
S3I	S3U		(none)	(weather bulkhead)	153.9	0	0		
D06			2-32-0-L	CREW WR, WC, SH	59.8	0	0		
D06			2-32-01-L	CREW BERTHING	232.2	0	0	HS	X
			3-52-2-M	AMMO HOIST	(CUI	= TH)			
S3I	S3U	S3U	4-32-0-A	STOREROOM	6	0	0		
S3U		S3I	4-52-01-L	HANDLING PASSAGE	6	0	0		
S3U		S3I	4-52-01-L	HANDLING PASSAGE	37.5	0	0	DWT	X
S3U	S3U	S3I	2-32-01-L	CREW BERTHING	17.6	0	0		
S3U		S3I	2-52-0-L	CREW WR, WC, SH	40	0	0		
S3U		S3I	2-52-0-L	CREW WR, WC, SH	17.6	0	0		
S3U		S3I	2-52-02-A	CLEANING GEAR LKR	40	0	0		
S2U		S2I	1-32-0-L	CREW BERTHING	19.8	0	0		
S2U		S2I	1-52-2-L	CREW WR, WC, SH	45	0	0		
S2U		S2I	1-52-2-L	CREW WR, WC, SH	45	0	0		
S2U		S2I	1-52-2-L	CREW WR, WC, SH	19.8	0	0		
A2U		NSU	01-44-2-L	CO WR, WC, SH	16.5	0	0		
A2U		NSU	01-44-2-L	CO WR, WC, SH	37.5	0	0		
A2U		NSU	01-56-2-L	OFFICER WR, WC, SH	16.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	37.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	37.5	0	0	DJ	NO
D04			(none)	(weather overhead)	11	0	0		
			4-52-01-L	HANDLING PASSAGE	(CUI	= LP)			
S3U	S3U	S3U	4-32-0-A	STOREROOM	28.5	0	0		
S3I		S3U	3-52-2-M	AMMO HOIST	6	0	0		
S3I		S3U	3-52-2-M	AMMO HOIST	37.5	0	0	DWT	X
S3U		S3I	4-52-0-Q	ARMORY AND WORKSHOP	52.5	0	0		
S3U		S3I	4-52-0-Q	ARMORY AND WORKSHOP	75	0	0	DJ	NC
S3U		S3I	4-52-0-Q	ARMORY AND WORKSHOP	22.5	0	0		
S3U		S3I	4-52-1-M	SMALL ARMS MAG	39	0	0	DWT	X
S3I		S3U	4-62-0-F	DIESEL OIL TANK	51	0	0		
S3U		S3I	4-62-1-M	MAGAZINE (25MM) CAL	52.5	0	0	DWT	X
S3U		S3I	4-62-2-M	MAGAZINE (50MM) CAL	51	0	0	DWT	X
S3I	S3U		(none)	(weather bulkhead)	45.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	37.5	0	0		
D06			2-52-0-L	CREW WR, WC, SH	39.8	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D06			2-52-01-L	CREW BERTHING	65.8	0	0		
			3-72-0-C	IC AND GYRO ROOM	(CUI	= C)			
S3I	S3U	S3U	4-62-0-F	DIESEL OIL TANK	51	0	0		
S3I	S3U	S3U	4-62-1-M	MAGAZINE (25MM) CAL	30	0	0		
S3I	S3U	S3U	4-62-2-M	MAGAZINE (50MM) CAL	39	0	0		
S3I		S3U	4-72-3-F	DIESEL OIL TANK	90	0	0		
S3I		S3U	4-72-4-F	DIESEL OIL TANK	90	0	0		
S3I	S3U	S3U	4-84-0-Q	A/C MACHINERY AND SE	120	0	0	DWT	X
D06			2-72-0-L	OFFICER WR, WC, SH	25.8	0	0		
D06			2-72-1-L	ENGINEERING OFFICER	15.6	0	0		
D06			2-72-2-L	OFFICER WR, WC, SH	35.2	0	0		
D06			2-72-4-L	OFFICER SR	17.6	0	0		
D06			2-75-1-A	WARDROBE	4	0	0		
D06			2-76-0A-L	PASSAGE	46	0	0	HS	X
D06			2-76-0B-L	PASSAGE	24	0	0		
D06			2-78-0-A	HS STORES	12.9	0	0		
D06			2-78-2-A	REC LKR	10.9	0	0		
			4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	(CUI	= QA)			
S3U	S3U	S3I	3-72-0-C	IC AND GYRO ROOM	120	0	0	DWT	X
S3I	S3U	S3U	4-72-3-F	DIESEL OIL TANK	51	0	0		
S3I	S3U	S3U	4-72-4-F	DIESEL OIL TANK	51	0	0		
S3U	S3U	S3I	3-96-0-E	AUX MACHINERY ROOM	120	0	0		
S3I	S3U	S3U	4-96-4-F	DIESEL OIL STORAGE	57	0	0		
S3U	S3U	S3I	4-96-5-F	DIESEL OIL STORAGE	57	0	0		
S3I	S3U		(none)	(weather bulkhead)	90.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	90.2	0	0		
D06			2-76-0B-L	PASSAGE	57.6	0	0		
D06			2-84-1-L	OFFICER SR	121.6	0	0		
D06			2-84-2-L	OFFICER SR	121.6	0	0		
D06			2-88-1-L	OFFICER WR, WC, SH	32	0	0		
D06			2-88-2-L	OFFICER WR, WC, SH	32	0	0		
			3-96-0-E	AUX MACHINERY ROOM	(CUI	= QA)			
S3I	S3U	S3U	4-84-0-Q	A/C MACHINERY AND SE	120	0	0		
S3I		S3U	4-96-4-F	DIESEL OIL STORAGE	90	0	0		
S3I		S3U	4-96-5-F	DIESEL OIL STORAGE	90	0	0		
S3U	S3U	S3I	4-108-0-E	ENGINE ROOM	120	0	0	DWT	X
D06			2-96-0-L	PASSAGE	112.8	0	0	HS	X
D06			2-96-1-L	CPO STATEROOM	33.6	0	0		
D06			2-96-2-L	CPO STATEROOM	33.6	0	0		
D06			2-99-0-L	CPO WR, WC, SH	63.2	0	0		
			4-108-0-E	ENGINE ROOM	(CUI	= EM)			
S3I	S3U	S3U	3-96-0-E	AUX MACHINERY ROOM	120	0	0	DWT	X
S3I	S3U	S3U	4-96-4-F	DIESEL OIL STORAGE	58.5	0	0		
S3I	S3U	S3U	4-96-5-F	DIESEL OIL STORAGE	58.5	0	0		
S3I	S3U	S3U	4-143-0-A	ENGINEERS STOREROOM	90	0	0	DWT	X
S3I	S3U	S3U	4-143-1-F	DIESEL OIL	73.5	0	0		
S3I	S3U	S3U	4-143-2-F	DIESEL OIL	73.5	0	0		
S3I	S3U	S3I	2-96-1-L	CPO STATEROOM	86.4	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S3I	S3U	S3I	2-96-2-L	CPO STATEROOM	86.4	0	0		
S3I	S3U	S3U	2-99-0-L	CPO WR, WC, SH	83.2	0	0		
S2I		S2U	2-136-0-C	CONTROL BOOTH	17.6	0	0		
S2I		S2U	2-136-0-C	CONTROL BOOTH	18.2	0	0	DJ	NC
S2I		S2U	2-136-0-C	CONTROL BOOTH	137.6	0	0		
S3I	S3U	S3U	2-140-1-Q	ENGINEERS WORKSHOP	72	0	0		
S3I	S3U	S3U	2-140-0A-L	PASSAGE	32	0	0	DWT	Y
S3I	S3U		(none)	(weather bulkhead)	262.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	262.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	256	0	0		
S3I	S3U		(none)	(weather bulkhead)	227.2	0	0		
D06			2-136-0-C	CONTROL BOOTH	122.8	0	0		
D06			2-140-1-Q	ENGINEERS WORKSHOP	13.2	0	0		
D06			2-140-0A-L	PASSAGE	12	0	0		
D06			1-108-0-Q	UPTAKE	108	0	0		
D06			1-108-1-L	PASSAGE	44.2	0	0		
D06			1-114-0-L	DISPENSARY	57.4	0	0		
D06			1-114-2-Q	SCULLERY	68.6	0	0		
D06			1-121-0-L	CREWS MESS	349.5	0	0		
D04			(none)	(weather overhead)	329.2	0	0		
			4-143-0-A	ENGINEERS STOREROOM	(CUI	= AS)			
S3U	S3U	S3I	4-108-0-E	ENGINE ROOM	90	0	0	DWT	X
S3I		S3U	4-143-1-F	DIESEL OIL	97.5	0	0		
S3I		S3U	4-143-2-F	DIESEL OIL	97.5	0	0		
S3U	S3U	S3U	4-156-0-E	AUX MACHINERY SPACE	90	0	0		
D04			2-140-1-Q	ENGINEERS WORKSHOP	51	0	0		
D04			2-140-0A-L	PASSAGE	27	0	0		
D04			2-140-0B-L	PASSAGE	55	0	0	HS	X
D04			2-143-2-L	STAIRWAY	9	0	0		
D04			2-143-2-Q	ENGINEERING OFFICE	14	0	0		
			4-156-0-E	AUX MACHINERY SPACE	(CUI	= QA)			
S3U	S3U	S3U	4-143-0-A	ENGINEERS STOREROOM	90	0	0		
S3U	S3U	S3U	4-143-1-F	DIESEL OIL	67.5	0	0		
S3U	S3U	S3U	4-143-2-F	DIESEL OIL	67.5	0	0		
S3I	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	67.5	0	0		
S3I	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	60	0	0		
S3I	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	90	0	0		
S3I	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	60	0	0		
S3I	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	67.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	60	0	0		
S3I	S3U		(none)	(weather bulkhead)	60	0	0		
D04			2-156-0-A	THAW BOX	48	0	0		
D04			2-156-01A-L	PASSAGE	22	0	0	HS	X
D04			2-156-01B-L	PASSAGE	80	0	0		
D04			2-156-01C-L	PASSAGE	36	0	0	HS	X
D04			2-156-02-A	DRY PROVISIONS STORE	74	0	0		
D04			2-156-1-A	FREEZER BOX	64	0	0		
D04			2-164-2-A	CHILL BOX	8	0	0		
			4-188-0-E	STEERING GEAR ROOM	(CUI	= QA)			

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S3U	S3U	S3U	4-164-0-F	LIQUID STORAGE TANKS	210	0	0		
S3U	S3U	S3U	2-172-0-L	PASSAGE	56	0	0	DWT	Y
S3U	S3U	S3U	2-172-1-A	HAWSER & RESCUE EQUI	92.8	0	0		
S3U	S3U	S3U	2-180-2-A	REPAIR PARTY LKR	68.8	0	0		
S3U	S3U		(none)	(weather bulkhead)	104.5	0	0		
S3U	S3U		(none)	(weather bulkhead)	90.3	0	0		
S3U	S3U		(none)	(weather bulkhead)	90.3	0	0		
S3U	S3U		(none)	(weather bulkhead)	104.5	0	0		
S3I	S3U		(none)	(weather bulkhead)	40.3	0	0		
S3I	S3U		(none)	(weather bulkhead)	40.3	0	0		
S3I	S3U		(none)	(weather bulkhead)	118.1	0	0		
S3I	S3U		(none)	(weather bulkhead)	118.1	0	0		
D04			2-172-0-L	PASSAGE	35	0	0		
D04			2-172-1-A	HAWSER & RESCUE EQUI	58.3	0	0		
D04			2-180-2-A	REPAIR PARTY LKR	43.3	0	0		
D06			(none)	(weather overhead)	224	0	0	HS	Y
			3-12-0-Q	CHAIN LKR	(CUI	= AG)			
S3U		S3I	2-16-0-A	BOSUN'S STORES	48	0	0	DWT	X
S3U	S3U		(none)	(weather bulkhead)	32	0	0		
S3U	S3U		(none)	(weather bulkhead)	48	0	0		
S3U	S3U		(none)	(weather bulkhead)	32	0	0		
D06			1-12-0-A	BOSUN'S STORES	24	0	0		
			2-16-0-A	BOSUN'S STORES	(CUI	= AS)			
S3I		S3U	3-12-0-Q	CHAIN LKR	48	0	0	DWT	X
S3U	S3U	S3I	2-32-0-L	CREW WR, WC, SH	88	0	0		
S3U	S3U	S3I	2-32-01-L	CREW BERTHING	56	0	0		
S3I	S3U		(none)	(weather bulkhead)	130.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	130.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	24	0	0		
S3I	S3U		(none)	(weather bulkhead)	24	0	0		
D04			4-16-0-K	FLAMMABLE LIQUIDS ST	90	0	0	HL	X
D04			1-12-0-A	BOSUN'S STORES	51	0	0		
D04			1-20-0-Q	LAUNDRY	166.5	0	0		
D04			1-20-2-A	GENERAL STORES	16.7	0	0		
D04			1-20-4-Q	DECON SHWR	5.8	0	0		
			2-32-0-L	CREW WR, WC, SH	(CUI	= LW)			
S3I	S3U	S3U	2-16-0-A	BOSUN'S STORES	88	0	0		
NSU		S2U	2-32-01-L	CREW BERTHING	60.8	0	0		
NSU		S2U	2-32-01-L	CREW BERTHING	99.2	0	0	DJ	NC
S3I	S3U		(none)	(weather bulkhead)	61.8	0	0		
D06			4-32-0-A	STOREROOM	59.8	0	0		
D06			1-32-0-L	CREW BERTHING	88.9	0	0		
			2-32-01-L	CREW BERTHING	(CUI	= L5)			
S3I	S3U	S3U	3-52-2-M	AMMO HOIST	17.6	0	0		
S3I	S3U	S3U	2-16-0-A	BOSUN'S STORES	56	0	0		
S2U		NSU	2-32-0-L	CREW WR, WC, SH	60.8	0	0		
S2U		NSU	2-32-0-L	CREW WR, WC, SH	99.2	0	0	DJ	NC
S3U	S3U	S3I	2-52-0-L	CREW WR, WC, SH	86.4	0	0		
S3U	S3U	S3U	2-52-01-L	CREW BERTHING	88	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S3I	S3U	S3U	2-52-02-A	CLEANING GEAR LKR	16	0	0		
S3I	S3U		(none)	(weather bulkhead)	101.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	163.2	0	0		
D06			4-32-0-A	STOREROOM	232.2	0	0	HS	X
D04			1-32-0-L	CREW BERTHING	349.9	0	0	HL	X
								HS	X
			2-52-0-L	CREW WR, WC, SH	(CUI	= LW)			
S3I		S3U	3-52-2-M	AMMO HOIST	40	0	0		
S3I		S3U	3-52-2-M	AMMO HOIST	17.6	0	0		
S3I	S3U	S3U	2-32-01-L	CREW BERTHING	86.4	0	0		
NSU		S2U	2-52-01-L	CREW BERTHING	33.6	0	0		
NSU		S2U	2-52-01-L	CREW BERTHING	9.6	0	0		
NSU		S2U	2-52-01-L	CREW BERTHING	92.8	0	0	DJ	NC
NSU		S2U	2-52-01-L	CREW BERTHING	64	0	0		
S3U		S3I	2-52-02-A	CLEANING GEAR LKR	19.2	0	0	DJ	NC
S3I	S3U		(none)	(weather bulkhead)	33.8	0	0		
D06			4-52-0-Q	ARMORY AND WORKSHOP	49	0	0		
D06			4-52-01-L	HANDLING PASSAGE	39.8	0	0		
D06			1-52-0-L	CREW BERTHING	16	0	0		
D06			1-52-2-L	CREW WR, WC, SH	89.6	0	0		
			2-52-01-L	CREW BERTHING	(CUI	= L5)			
S3U	S3U	S3U	2-32-01-L	CREW BERTHING	88	0	0		
S2U		NSU	2-52-0-L	CREW WR, WC, SH	33.6	0	0		
S2U		NSU	2-52-0-L	CREW WR, WC, SH	9.6	0	0		
S2U		NSU	2-52-0-L	CREW WR, WC, SH	92.8	0	0	DJ	NC
S2U		NSU	2-52-0-L	CREW WR, WC, SH	64	0	0		
S3U	S3I	NSU	2-72-0-L	OFFICER WR, WC, SH	44.8	0	0		
S3U	S3I	S3U	2-72-1-L	ENGINEERING OFFICER	104	0	0		
S3U	S3I	NSU	2-72-2-L	OFFICER WR, WC, SH	35.2	0	0		
S3U	S3I	S3U	2-72-4-L	OFFICER SR	56	0	0		
S3I	S3U		(none)	(weather bulkhead)	160.8	0	0		
S3I	S3U		(none)	(weather bulkhead)	86.9	0	0		
D06			4-52-0-Q	ARMORY AND WORKSHOP	21	0	0		
D06			4-52-01-L	HANDLING PASSAGE	65.8	0	0		
D06			4-52-1-M	SMALL ARMS MAG	19.6	0	0		
D04			4-62-0-F	DIESEL OIL TANK	68	0	0		
D06			4-62-1-M	MAGAZINE (25MM) CAL	75	0	0		
D06			4-62-2-M	MAGAZINE (50MM) CAL	80	0	0		
D04			1-52-0-L	CREW BERTHING	199	0	0		
D04			1-52-01A-L	PASSAGE	92	0	0	HL	X
D04			1-52-1-A	SHIPS SERVICE STORE	11.2	0	0		
D04			1-52-2-L	CREW WR, WC, SH	36.5	0	0		
D04			1-57-1-A	FWD REPAIR LKR	21.3	0	0		
D04			1-63-1-Q	FAN ROOM	26.2	0	0		
D04			1-63-2-Q	FAN ROOM	20	0	0		
D04			(none)	(weather overhead)	24.9	0	0		
			2-52-02-A	CLEANING GEAR LKR	(CUI	= AG)			
S3I		S3U	3-52-2-M	AMMO HOIST	40	0	0		
S3U	S3U	S3I	2-32-01-L	CREW BERTHING	16	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S3I		S3U	2-52-0-L	CREW WR, WC, SH	19.2	0	0	DJ	NC
S3I	S3U		(none)	(weather bulkhead)	40.1	0	0		
D06			1-52-2-L	CREW WR, WC, SH	11	0	0		
			2-72-0-L	OFFICER WR, WC, SH	(CUI	= LW)			
NSU	S3I	S3U	2-52-01-L	CREW BERTHING	44.8	0	0		
NSU		S2U	2-72-1-L	ENGINEERING OFFICER	20.8	0	0	DJ	NC
NSU		NSU	2-72-2-L	OFFICER WR, WC, SH	36.8	0	0		
NSU		S2U	2-75-1-A	WARDROBE	16	0	0		
NSU		S2U	2-78-0-A	HS STORES	19.2	0	0		
NSU		S2U	2-78-2-A	REC LKR	25.6	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	25.8	0	0		
D06			1-72-0-A	REPAIR ANNEX	14.7	0	0		
D06			1-72-2-Q	SUPPLY OFFICE	11	0	0		
			2-72-1-L	ENGINEERING OFFICER SR	(CUI	= L1)			
S3U	S3I	S3U	2-52-01-L	CREW BERTHING	104	0	0		
S2U		NSU	2-72-0-L	OFFICER WR, WC, SH	20.8	0	0	DJ	NC
S2U		S2U	2-75-1-A	WARDROBE	16	0	0	DJ	NC
S2U		S2U	2-76-0A-L	PASSAGE	32	0	0	DJ	NC
S2U		S2U	2-76-0A-L	PASSAGE	75.2	0	0		
S2U		S2U	2-84-1-L	OFFICER SR	64	0	0		
S3I	S3U		(none)	(weather bulkhead)	96.3	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	15.6	0	0		
D04			4-72-3-F	DIESEL OIL TANK	64.8	0	0		
D06			1-52-01A-L	PASSAGE	13.6	0	0		
D06			1-52-01B-L	PASSAGE	7.8	0	0		
D06			1-52-01C-L	PASSAGE	17.8	0	0		
D06			1-72-0-A	REPAIR ANNEX	5.2	0	0		
D04			(none)	(weather overhead)	61.2	0	0		
			2-72-2-L	OFFICER WR, WC, SH	(CUI	= LW)			
NSU	S3I	S3U	2-52-01-L	CREW BERTHING	35.2	0	0		
NSU		NSU	2-72-0-L	OFFICER WR, WC, SH	36.8	0	0		
NSU		S2U	2-72-4-L	OFFICER SR	64	0	0		
NSU		S2U	2-72-4-L	OFFICER SR	35.2	0	0	DJ	NC
NSU		S2U	2-78-2-A	REC LKR	27.2	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	35.2	0	0		
D06			1-52-01B-L	PASSAGE	15	0	0		
D06			1-72-2-Q	SUPPLY OFFICE	20.2	0	0		
			2-72-4-L	OFFICER SR	(CUI	= L2)			
S3U	S3I	S3U	2-52-01-L	CREW BERTHING	56	0	0		
S2U		NSU	2-72-2-L	OFFICER WR, WC, SH	64	0	0		
S2U		NSU	2-72-2-L	OFFICER WR, WC, SH	35.2	0	0	DJ	NC
S2U		S2U	2-76-0B-L	PASSAGE	32	0	0	DJ	NC
S2U		S2U	2-84-2-L	OFFICER SR	99.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	96.3	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	17.6	0	0		
D04			4-72-4-F	DIESEL OIL TANK	64.8	0	0		
D06			1-52-01B-L	PASSAGE	10.2	0	0		
D06			1-72-2-Q	SUPPLY OFFICE	13.8	0	0		
D06			1-80-0-L	WARDROOM	29.6	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D04			(none)	(weather overhead)	54	0	0		
			2-75-1-A	WARDROBE	(CUI	= AG)			
S2U		NSU	2-72-0-L	OFFICER WR, WC, SH	16	0	0		
S2U		S2U	2-72-1-L	ENGINEERING OFFICER	16	0	0	DJ	NC
S2U		S2U	2-76-0A-L	PASSAGE	4.8	0	0		
S2U		S2U	2-76-0A-L	PASSAGE	16	0	0		
S2U		S2U	2-78-0-A	HS STORES	11.2	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	4	0	0		
D06			1-72-0-A	REPAIR ANNEX	4	0	0		
			2-76-0A-L	PASSAGE	(CUI	= LP)			
S2U		S2U	2-72-1-L	ENGINEERING OFFICER	32	0	0	DJ	NC
S2U		S2U	2-72-1-L	ENGINEERING OFFICER	75.2	0	0		
S2U		S2U	2-75-1-A	WARDROBE	4.8	0	0		
S2U		S2U	2-75-1-A	WARDROBE	16	0	0		
000		000	2-76-0B-L	PASSAGE	32	0	0		
S2U		S2U	2-78-0-A	HS STORES	27.2	0	0	DJ	NC
S2U		S2U	2-78-0-A	HS STORES	8	0	0		
S2U		S2U	2-84-1-L	OFFICER SR	44.8	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	46	0	0	HS	X
D04			1-52-01A-L	PASSAGE	2	0	0		
D04			1-52-01B-L	PASSAGE	18.2	0	0	HL	Y
D04			1-52-01C-L	PASSAGE	19.4	0	0		
D04			1-80-0-L	WARDROOM	6.4	0	0		
			2-76-0B-L	PASSAGE	(CUI	= LP)			
S2U		S2U	2-72-4-L	OFFICER SR	32	0	0	DJ	NC
000		000	2-76-0A-L	PASSAGE	32	0	0		
S2U		S2U	2-78-0-A	HS STORES	22.4	0	0		
S2U		S2U	2-78-2-A	REC LKR	25.6	0	0	DJ	NC
S2U		S2U	2-84-1-L	OFFICER SR	32	0	0	DJ	NC
S2U		S2U	2-84-2-L	OFFICER SR	9.6	0	0		
S2U		S2U	2-84-2-L	OFFICER SR	32	0	0	DJ	NC
S2U		NSU	2-88-1-L	OFFICER WR, WC, SH	64	0	0		
S2U		NSU	2-88-2-L	OFFICER WR, WC, SH	64	0	0		
S3U	S3U	S3U	2-96-0-L	PASSAGE	38.4	0	0	DWT	X
D06			3-72-0-C	IC AND GYRO ROOM	24	0	0		
D06			4-84-0-Q	A/C MACHINERY AND SE	57.6	0	0		
D04			1-80-0-L	WARDROOM	79.9	0	0		
			2-78-0-A	HS STORES	(CUI	= AG)			
S2U		NSU	2-72-0-L	OFFICER WR, WC, SH	19.2	0	0		
S2U		S2U	2-75-1-A	WARDROBE	11.2	0	0		
S2U		S2U	2-76-0A-L	PASSAGE	27.2	0	0	DJ	NC
S2U		S2U	2-76-0A-L	PASSAGE	8	0	0		
S2U		S2U	2-76-0B-L	PASSAGE	22.4	0	0		
S2U		S2U	2-78-2-A	REC LKR	27.2	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	12.9	0	0		
D06			1-52-01B-L	PASSAGE	12.9	0	0		
			2-78-2-A	REC LKR	(CUI	= AG)			
S2U		NSU	2-72-0-L	OFFICER WR, WC, SH	25.6	0	0		
S2U		NSU	2-72-2-L	OFFICER WR, WC, SH	27.2	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S2U		S2U	2-76-0B-L	PASSAGE	25.6	0	0	DJ	NC
S2U		S2U	2-78-0-A	HS STORES	27.2	0	0		
D06			3-72-0-C	IC AND GYRO ROOM	10.9	0	0		
D06			1-52-01B-L	PASSAGE	10.9	0	0		
			2-84-1-L	OFFICER SR	(CUI	= L2)			
S2U		S2U	2-72-1-L	ENGINEERING OFFICER	64	0	0		
S2U		S2U	2-76-0A-L	PASSAGE	44.8	0	0		
S2U		S2U	2-76-0B-L	PASSAGE	32	0	0	DJ	NC
S2U		NSU	2-88-1-L	OFFICER WR, WC, SH	32	0	0	DJ	NC
S2U		NSU	2-88-1-L	OFFICER WR, WC, SH	64	0	0		
S3U	S3U	S3I	2-96-1-L	CPO STATEROOM	76.8	0	0		
S3I	S3U		(none)	(weather bulkhead)	96	0	0		
D06			4-84-0-Q	A/C MACHINERY AND SE	121.6	0	0		
D04			1-52-01C-L	PASSAGE	57.6	0	0		
D04			1-80-0-L	WARDROOM	6.4	0	0		
D04			(none)	(weather overhead)	67.2	0	0		
			2-84-2-L	OFFICER SR	(CUI	= L2)			
S2U		S2U	2-72-4-L	OFFICER SR	99.2	0	0		
S2U		S2U	2-76-0B-L	PASSAGE	9.6	0	0		
S2U		S2U	2-76-0B-L	PASSAGE	32	0	0	DJ	NC
S2U		NSU	2-88-2-L	OFFICER WR, WC, SH	32	0	0	DJ	NC
S2U		NSU	2-88-2-L	OFFICER WR, WC, SH	64	0	0		
S3U	S3U	S3I	2-96-2-L	CPO STATEROOM	76.8	0	0		
S3I	S3U		(none)	(weather bulkhead)	96	0	0		
D06			4-84-0-Q	A/C MACHINERY AND SE	121.6	0	0		
D04			1-80-0-L	WARDROOM	64.8	0	0		
D04			1-93-0-L	CPO MESS	6.4	0	0		
D04			(none)	(weather overhead)	60	0	0		
			2-88-1-L	OFFICER WR, WC, SH	(CUI	= LW)			
NSU		S2U	2-76-0B-L	PASSAGE	64	0	0		
NSU		S2U	2-84-1-L	OFFICER SR	32	0	0	DJ	NC
NSU		S2U	2-84-1-L	OFFICER SR	64	0	0		
S3U	S3U	S3U	2-96-0-L	PASSAGE	22.4	0	0		
S3U	S3U	S3I	2-96-1-L	CPO STATEROOM	9.6	0	0		
D06			4-84-0-Q	A/C MACHINERY AND SE	32	0	0		
D06			1-80-0-L	WARDROOM	32	0	0		
			2-88-2-L	OFFICER WR, WC, SH	(CUI	= LW)			
NSU		S2U	2-76-0B-L	PASSAGE	64	0	0		
NSU		S2U	2-84-2-L	OFFICER SR	32	0	0	DJ	NC
NSU		S2U	2-84-2-L	OFFICER SR	64	0	0		
S3U	S3U	S3U	2-96-0-L	PASSAGE	22.4	0	0		
S3U	S3U	S3I	2-96-2-L	CPO STATEROOM	9.6	0	0		
D06			4-84-0-Q	A/C MACHINERY AND SE	32	0	0		
D06			1-80-0-L	WARDROOM	26.4	0	0		
D06			1-93-0-L	CPO MESS	5.6	0	0		
			2-96-0-L	PASSAGE	(CUI	= LP)			
S3U	S3U	S3U	2-76-0B-L	PASSAGE	38.4	0	0	DWT	X
S3U	S3U	S3U	2-88-1-L	OFFICER WR, WC, SH	22.4	0	0		
S3U	S3U	S3U	2-88-2-L	OFFICER WR, WC, SH	22.4	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S2U		S2U	2-96-1-L	CPO STATEROOM	36.8	0	0	DJ	NC
S2U		S2U	2-96-2-L	CPO STATEROOM	25.6	0	0	DJ	NC
S2U		NSU	2-99-0-L	CPO WR, WC, SH	22.4	0	0		
S2U		NSU	2-99-0-L	CPO WR, WC, SH	30.4	0	0		
S2U		NSU	2-99-0-L	CPO WR, WC, SH	38.4	0	0		
S2U		NSU	2-99-0-L	CPO WR, WC, SH	43.2	0	0		
S2U		NSU	2-99-0-L	CPO WR, WC, SH	22.4	0	0	DJ	NC
D06			3-96-0-E	AUX MACHINERY ROOM	112.8	0	0	HS	X
D04			1-52-01C-L	PASSAGE	27.3	0	0		
D04			1-80-0-L	WARDROOM	7	0	0		
D04			1-93-0-L	CPO MESS	45.9	0	0	HL	Y
D04			1-99-1-Q	SHIPS OFFICE	35.6	0	0		
			2-96-1-L	CPO STATEROOM	(CUI	= L2)			
S3I	S3U	S3I	4-108-0-E	ENGINE ROOM	86.4	0	0		
S3I	S3U	S3U	2-84-1-L	OFFICER SR	76.8	0	0		
S3I	S3U	S3U	2-88-1-L	OFFICER WR, WC, SH	9.6	0	0		
S2U		S2U	2-96-0-L	PASSAGE	36.8	0	0	DJ	NC
S2U		NSU	2-99-0-L	CPO WR, WC, SH	59.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	96	0	0		
D06			3-96-0-E	AUX MACHINERY ROOM	33.6	0	0		
D04			4-96-5-F	DIESEL OIL STORAGE	92.4	0	0		
D04			1-52-01C-L	PASSAGE	47.2	0	0		
D04			1-99-1-Q	SHIPS OFFICE	13.3	0	0		
D04			(none)	(weather overhead)	67.2	0	0		
			2-96-2-L	CPO STATEROOM	(CUI	= L2)			
S3I	S3U	S3I	4-108-0-E	ENGINE ROOM	86.4	0	0		
S3I	S3U	S3U	2-84-2-L	OFFICER SR	76.8	0	0		
S3I	S3U	S3U	2-88-2-L	OFFICER WR, WC, SH	9.6	0	0		
S2U		S2U	2-96-0-L	PASSAGE	25.6	0	0	DJ	NC
S2U		NSU	2-99-0-L	CPO WR, WC, SH	72	0	0		
S3I	S3U		(none)	(weather bulkhead)	96	0	0		
D06			3-96-0-E	AUX MACHINERY ROOM	33.6	0	0		
D04			4-96-4-F	DIESEL OIL STORAGE	92.4	0	0		
D04			1-93-0-L	CPO MESS	69.6	0	0		
D04			(none)	(weather overhead)	60	0	0		
			2-99-0-L	CPO WR, WC, SH	(CUI	= LW)			
S3U	S3U	S3I	4-108-0-E	ENGINE ROOM	83.2	0	0		
NSU		S2U	2-96-0-L	PASSAGE	22.4	0	0		
NSU		S2U	2-96-0-L	PASSAGE	30.4	0	0		
NSU		S2U	2-96-0-L	PASSAGE	38.4	0	0		
NSU		S2U	2-96-0-L	PASSAGE	43.2	0	0		
NSU		S2U	2-96-0-L	PASSAGE	22.4	0	0	DJ	NC
NSU		S2U	2-96-1-L	CPO STATEROOM	59.2	0	0		
NSU		S2U	2-96-2-L	CPO STATEROOM	72	0	0		
D06			3-96-0-E	AUX MACHINERY ROOM	63.2	0	0		
D06			1-93-0-L	CPO MESS	39.6	0	0		
D06			1-99-1-Q	SHIPS OFFICE	23.6	0	0		
			2-136-0-C	CONTROL BOOTH	(CUI	= C)			
S2U		S2I	4-108-0-E	ENGINE ROOM	17.6	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S2U		S2I	4-108-0-E	ENGINE ROOM	18.2	0	0	DJ	NC
S2U		S2I	4-108-0-E	ENGINE ROOM	137.6	0	0		
S3I	S3U	S3U	2-140-0A-L	PASSAGE	48	0	0		
S3I	S3U	S3U	2-140-0A-L	PASSAGE	24	0	0		
S3I	S3U	S3U	2-143-2-L	STAIRWAY	36.8	0	0		
S3I	S3U	S3I	2-143-2-Q	ENGINEERING OFFICE	67.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	52.8	0	0		
D06			4-108-0-E	ENGINE ROOM	122.8	0	0		
D06			1-121-0-L	CREWS MESS	85.5	0	0		
D06			(none)	(weather overhead)	38.6	0	0		
			2-140-1-Q	ENGINEERS WORKSHOP	(CUI	= QS)			
S3U	S3U	S3I	4-108-0-E	ENGINE ROOM	72	0	0		
S2I		S2U	2-140-0A-L	PASSAGE	48	0	0		
S2I		S2U	2-140-0A-L	PASSAGE	56	0	0	DJ	NC
S2I		S2U	2-140-0B-L	PASSAGE	56	0	0		
S2I		S2U	2-140-0B-L	PASSAGE	24	0	0		
S2I		S2U	2-140-0B-L	PASSAGE	24	0	0		
S3U	S3U	S3I	2-156-0-A	THAW BOX	8	0	0		
S3U	S3I	S3U	2-156-02-A	DRY PROVISIONS STORE	24	0	0		
S3U	S3U	S3I	2-156-1-A	FREEZER BOX	64	0	0		
S3I	S3U		(none)	(weather bulkhead)	128.3	0	0		
D06			4-108-0-E	ENGINE ROOM	13.2	0	0		
D04			4-143-0-A	ENGINEERS STOREROOM	51	0	0		
D04			4-143-1-F	DIESEL OIL	119.2	0	0		
D06			1-121-0-L	CREWS MESS	33.6	0	0		
D06			1-148-0-Q	GALLEY	76	0	0		
D06			(none)	(weather overhead)	87.4	0	0		
			2-140-0A-L	PASSAGE	(CUI	= LP)			
S3U	S3U	S3I	4-108-0-E	ENGINE ROOM	32	0	0	DWT	Y
S3U	S3U	S3I	2-136-0-C	CONTROL BOOTH	48	0	0		
S3U	S3U	S3I	2-136-0-C	CONTROL BOOTH	24	0	0		
S2U		S2I	2-140-1-Q	ENGINEERS WORKSHOP	48	0	0		
S2U		S2I	2-140-1-Q	ENGINEERS WORKSHOP	56	0	0	DJ	NC
000		000	2-140-0B-L	PASSAGE	24	0	0		
000		000	2-143-2-L	STAIRWAY	24	0	0		
D06			4-108-0-E	ENGINE ROOM	12	0	0		
D04			4-143-0-A	ENGINEERS STOREROOM	27	0	0		
D04			4-143-1-F	DIESEL OIL	3	0	0		
D06			1-121-0-L	CREWS MESS	42	0	0		
			2-140-0B-L	PASSAGE	(CUI	= LP)			
S2U		S2I	2-140-1-Q	ENGINEERS WORKSHOP	56	0	0		
S2U		S2I	2-140-1-Q	ENGINEERS WORKSHOP	24	0	0		
S2U		S2I	2-140-1-Q	ENGINEERS WORKSHOP	24	0	0		
000		000	2-140-0A-L	PASSAGE	24	0	0		
000		000	2-143-2-L	STAIRWAY	12.8	0	0		
S2U		S2I	2-143-2-Q	ENGINEERING OFFICE	80	0	0	DJ	NC
S3U	S3U	S3I	2-156-0-A	THAW BOX	40	0	0		
S3U	S3U	S3U	2-156-01B-L	PASSAGE	20.8	0	0	DWT	Y
D04			4-143-0-A	ENGINEERS STOREROOM	55	0	0	HS	X

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D06			1-148-0-Q	GALLEY	55	0	0		
			2-143-2-L	STAIRWAY	(CUI	= LP)			
S3U	S3U	S3I	2-136-0-C	CONTROL BOOTH	36.8	0	0		
000		000	2-140-0A-L	PASSAGE	24	0	0		
000		000	2-140-0B-L	PASSAGE	12.8	0	0		
S2U		S2I	2-143-2-Q	ENGINEERING OFFICE	24	0	0		
S2U		S2I	2-143-2-Q	ENGINEERING OFFICE	24	0	0		
D04			4-143-0-A	ENGINEERS STOREROOM	9	0	0		
D04			4-143-2-F	DIESEL OIL	4.8	0	0		
D04			1-143-2-L	STAIRWAY	13.8	0	0	HL	Y
			2-143-2-Q	ENGINEERING OFFICE	(CUI	= QO)			
S3I	S3U	S3I	2-136-0-C	CONTROL BOOTH	67.2	0	0		
S2I		S2U	2-140-0B-L	PASSAGE	80	0	0	DJ	NC
S2I		S2U	2-143-2-L	STAIRWAY	24	0	0		
S2I		S2U	2-143-2-L	STAIRWAY	24	0	0		
S3I	S3U	S3U	2-156-01A-L	PASSAGE	24	0	0		
S2U	S3U	S2U	2-156-01B-L	PASSAGE	59.2	0	0		
S3I	S3U		(none)	(weather bulkhead)	104.3	0	0		
D04			4-143-0-A	ENGINEERS STOREROOM	14	0	0		
D04			4-143-2-F	DIESEL OIL	117.4	0	0		
D06			1-143-2-L	STAIRWAY	7.2	0	0		
D06			1-148-0-Q	GALLEY	54	0	0		
D06			(none)	(weather overhead)	71.5	0	0		
			2-156-0-A	THAW BOX	(CUI	= AR)			
S3I	S3U	S3U	2-140-1-Q	ENGINEERS WORKSHOP	8	0	0		
S3I	S3U	S3U	2-140-0B-L	PASSAGE	40	0	0		
S2I		S2U	2-156-01B-L	PASSAGE	64	0	0	DJ	NC
S2I		S2U	2-156-02-A	DRY PROVISIONS STORE	48	0	0		
S2I		S2I	2-156-1-A	FREEZER BOX	64	0	0	DJ	NC
D04			4-156-0-E	AUX MACHINERY SPACE	48	0	0		
D06			1-148-0-Q	GALLEY	18	0	0		
D04			(none)	(weather overhead)	30	0	0		
			2-156-01A-L	PASSAGE	(CUI	= LP)			
S3U	S3U	S3I	2-143-2-Q	ENGINEERING OFFICE	24	0	0		
000		000	2-156-01B-L	PASSAGE	64	0	0		
S2U		S2I	2-164-2-A	CHILL BOX	64	0	0		
S3U	S3U	S3I	2-172-2-Q	ELECTRIC WORKSHOP	16	0	0		
S3I	S3U		(none)	(weather bulkhead)	128.3	0	0		
D04			4-156-0-E	AUX MACHINERY SPACE	22	0	0	HS	X
D04			4-164-0-F	LIQUID STORAGE TANKS	18	0	0		
D06			(none)	(weather overhead)	40	0	0		
			2-156-01B-L	PASSAGE	(CUI	= LP)			
S3U	S3U	S3U	2-140-0B-L	PASSAGE	20.8	0	0	DWT	Y
S2U	S3U	S2U	2-143-2-Q	ENGINEERING OFFICE	59.2	0	0		
S2U		S2I	2-156-0-A	THAW BOX	64	0	0	DJ	NC
000		000	2-156-01A-L	PASSAGE	64	0	0		
000		000	2-156-01C-L	PASSAGE	24	0	0		
S2U		S2I	2-164-2-A	CHILL BOX	56	0	0		
D04			4-156-0-E	AUX MACHINERY SPACE	80	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D06			1-148-0-Q	GALLEY	24	0	0		
D06			1-159-2-A	DRY PROVISIONS STORE	25	0	0		
D04			(none)	(weather overhead)	31	0	0		
			2-156-01C-L	PASSAGE	(CUI	= LP)			
000		000	2-156-01B-L	PASSAGE	24	0	0		
S2U		S2U	2-156-02-A	DRY PROVISIONS STORE	24	0	0		
S2U		S2U	2-156-02-A	DRY PROVISIONS STORE	32	0	0		
S2U		S2U	2-156-02-A	DRY PROVISIONS STORE	40	0	0	DJ	NC
S2U		S2I	2-164-2-A	CHILL BOX	64	0	0	DJ	NC
S3U	S3U	S3U	2-172-0-L	PASSAGE	56	0	0	DWT	Y
D04			4-156-0-E	AUX MACHINERY SPACE	36	0	0	HS	X
D06			(none)	(weather overhead)	36	0	0		
			2-156-02-A	DRY PROVISIONS STOREROOM	(CUI	= AS)			
S3U	S3I	S3U	2-140-1-Q	ENGINEERS WORKSHOP	24	0	0		
S2U		S2I	2-156-0-A	THAW BOX	48	0	0		
S2U		S2U	2-156-01C-L	PASSAGE	24	0	0		
S2U		S2U	2-156-01C-L	PASSAGE	32	0	0		
S2U		S2U	2-156-01C-L	PASSAGE	40	0	0	DJ	NC
S2U		S2I	2-156-1-A	FREEZER BOX	64	0	0		
S2U		S2I	2-156-1-A	FREEZER BOX	64	0	0		
S3U	S3U	S3U	2-172-1-A	HAWSER & RESCUE EQUI	96	0	0		
S3I	S3U		(none)	(weather bulkhead)	128.3	0	0		
D04			4-156-0-E	AUX MACHINERY SPACE	74	0	0		
D04			4-164-0-F	LIQUID STORAGE TANKS	66	0	0		
D06			(none)	(weather overhead)	140	0	0		
			2-156-1-A	FREEZER BOX	(CUI	= AR)			
S3I	S3U	S3U	2-140-1-Q	ENGINEERS WORKSHOP	64	0	0		
S2I		S2I	2-156-0-A	THAW BOX	64	0	0	DJ	NC
S2I		S2U	2-156-02-A	DRY PROVISIONS STORE	64	0	0		
S2I		S2U	2-156-02-A	DRY PROVISIONS STORE	64	0	0		
D04			4-156-0-E	AUX MACHINERY SPACE	64	0	0		
D06			1-148-0-Q	GALLEY	18	0	0		
D06			1-159-1-A	DRY STORES	12	0	0		
D04			(none)	(weather overhead)	34	0	0		
			2-164-2-A	CHILL BOX	(CUI	= AR)			
S2I		S2U	2-156-01A-L	PASSAGE	64	0	0		
S2I		S2U	2-156-01B-L	PASSAGE	56	0	0		
S2I		S2U	2-156-01C-L	PASSAGE	64	0	0	DJ	NC
S3I	S3U	S3U	2-172-2-Q	ELECTRIC WORKSHOP	56	0	0		
D04			4-156-0-E	AUX MACHINERY SPACE	8	0	0		
D04			4-164-0-F	LIQUID STORAGE TANKS	48	0	0		
D04			(none)	(weather overhead)	56	0	0		
			2-172-0-L	PASSAGE	(CUI	= LP)			
S3U	S3U	S3U	4-188-0-E	STEERING GEAR ROOM	56	0	0	DWT	Y
S3U	S3U	S3U	2-156-01C-L	PASSAGE	56	0	0	DWT	Y
000		000	2-172-1-A	HAWSER & RESCUE EQUI	128	0	0	DJ	NC
S2U		S2I	2-172-2-Q	ELECTRIC WORKSHOP	64	0	0	DJ	NC
000		000	2-180-2-A	REPAIR PARTY LKR	64	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D04			4-164-0-F	LIQUID STORAGE TANKS	77	0	0		
D04			4-188-0-E	STEERING GEAR ROOM	35	0	0		
D06			(none)	(weather overhead)	112	0	0	HS	Y
			2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	(CUI	= AS)			
S3U	S3U	S3U	4-188-0-E	STEERING GEAR ROOM	92.8	0	0		
S3U	S3U	S3U	2-156-02-A	DRY PROVISIONS STORE	96	0	0		
000		000	2-172-0-L	PASSAGE	128	0	0	DJ	NC
S3I	S3U		(none)	(weather bulkhead)	128	0	0		
D04			4-164-0-F	LIQUID STORAGE TANKS	130.5	0	0		
D04			4-188-0-E	STEERING GEAR ROOM	58.3	0	0		
D06			(none)	(weather overhead)	188.8	0	0		
			2-172-2-Q	ELECTRIC WORKSHOP	(CUI	= QS)			
S3I	S3U	S3U	2-156-01A-L	PASSAGE	16	0	0		
S3U	S3U	S3I	2-164-2-A	CHILL BOX	56	0	0		
S2I		S2U	2-172-0-L	PASSAGE	64	0	0	DJ	NC
S2I		S2U	2-180-2-A	REPAIR PARTY LKR	70.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	64	0	0		
D04			4-164-0-F	LIQUID STORAGE TANKS	71.2	0	0		
D06			(none)	(weather overhead)	71.2	0	0		
			2-180-2-A	REPAIR PARTY LKR	(CUI	= AG)			
S3U	S3U	S3U	4-188-0-E	STEERING GEAR ROOM	68.8	0	0		
000		000	2-172-0-L	PASSAGE	64	0	0		
S2U		S2I	2-172-2-Q	ELECTRIC WORKSHOP	70.4	0	0		
S3I	S3U		(none)	(weather bulkhead)	64	0	0		
D04			4-164-0-F	LIQUID STORAGE TANKS	26.3	0	0		
D04			4-188-0-E	STEERING GEAR ROOM	43.3	0	0		
D06			(none)	(weather overhead)	69.6	0	0		
			1-1-0-A	GENERAL STORES	(CUI	= AS)			
S3U		S3U	1-12-0-A	BOSUN'S STORES	75.6	0	0	DWT	X
S3I	S3U		(none)	(weather bulkhead)	92.7	0	0		
S3I	S3U		(none)	(weather bulkhead)	92.7	0	0		
D06			(none)	(weather overhead)	39.5	0	0	HS	X
			1-12-0-A	BOSUN'S STORES	(CUI	= AS)			
S3U		S3U	1-1-0-A	GENERAL STORES	75.6	0	0	DWT	X
S3U		S3I	1-20-0-Q	LAUNDRY	135	0	0	DWT	X
S3U		S2U	1-20-4-Q	DECON SHWR	27	0	0	DWT	X
S3I	S3U		(none)	(weather bulkhead)	104.7	0	0		
S3I	S3U		(none)	(weather bulkhead)	104.7	0	0		
D06			3-12-0-Q	CHAIN LKR	24	0	0		
D04			2-16-0-A	BOSUN'S STORES	51	0	0		
D06			(none)	(weather overhead)	139.9	0	0	HL	X
			1-20-0-Q	LAUNDRY	(CUI	= QL)			
S3I		S3U	1-12-0-A	BOSUN'S STORES	135	0	0	DWT	X
S2I		S2U	1-20-2-A	GENERAL STORES	64.8	0	0	DJ	NC
S2I		S2U	1-20-4-Q	DECON SHWR	43.2	0	0		
S3U		S3I	1-32-0-L	CREW BERTHING	171	0	0	DWT	Y
S3I	S3U		(none)	(weather bulkhead)	113.8	0	0		
D04			2-16-0-A	BOSUN'S STORES	166.5	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D06			(none)	(weather overhead)	204	0	0		
			1-20-2-A	GENERAL STORES	(CUI	= AG)			
S2U		S2I	1-20-0-Q	LAUNDRY	64.8	0	0	DJ	NC
S2U		S2U	1-20-4-Q	DECON SHWR	43.2	0	0		
S2U		S2U	1-20-4-Q	DECON SHWR	27	0	0	DJ	NC
S3U		S3I	1-32-0-L	CREW BERTHING	63	0	0		
S3I	S3U		(none)	(weather bulkhead)	113.8	0	0		
D04			2-16-0-A	BOSUN'S STORES	16.7	0	0		
D06			(none)	(weather overhead)	45.6	0	0		
			1-20-4-Q	DECON SHWR	(CUI	= LW)			
S2U		S3U	1-12-0-A	BOSUN'S STORES	27	0	0	DWT	X
S2U		S2I	1-20-0-Q	LAUNDRY	43.2	0	0		
S2U		S2U	1-20-2-A	GENERAL STORES	43.2	0	0		
S2U		S2U	1-20-2-A	GENERAL STORES	27	0	0	DJ	NC
D04			2-16-0-A	BOSUN'S STORES	5.8	0	0		
D06			(none)	(weather overhead)	14.4	0	0		
			1-32-0-L	CREW BERTHING	(CUI	= L5)			
S2I		S2U	3-52-2-M	AMMO HOIST	19.8	0	0		
S3I		S3U	1-20-0-Q	LAUNDRY	171	0	0	DWT	Y
S3I		S3U	1-20-2-A	GENERAL STORES	63	0	0		
S2U		S2I	1-52-0-L	CREW BERTHING	36	0	0		
S2U		S2U	1-52-01A-L	PASSAGE	57.6	0	0	DWT	Y
S2U		S2U	1-52-1-A	SHIPS SERVICE STORE	43.2	0	0		
S2I		S2I	1-52-2-L	CREW WR, WC, SH	37.8	0	0		
S2U		S2I	1-52-2-L	CREW WR, WC, SH	79.2	0	0	DWT	Y
S3I	S3U		(none)	(weather bulkhead)	181.1	0	0		
S3I	S3U		(none)	(weather bulkhead)	181.1	0	0		
D06			2-32-0-L	CREW WR, WC, SH	88.9	0	0		
D04			2-32-01-L	CREW BERTHING	349.9	0	0	HL	X
								HS	X
D06			01-44-0-L	CO SR	64	0	0		
D06			01-44-1-L	CO CABIN	64.8	0	0		
D06			01-44-2-L	CO WR, WC, SH	36	0	0		
D06			(none)	(weather overhead)	399.2	0	0		
			1-52-0-L	CREW BERTHING	(CUI	= L5)			
S2I		S2U	1-32-0-L	CREW BERTHING	36	0	0		
S2U		S2U	1-52-01A-L	PASSAGE	108	0	0		
S2U		S2U	1-52-01A-L	PASSAGE	27	0	0		
S2U		S2U	1-52-01A-L	PASSAGE	72	0	0		
S2U		S2U	1-52-01B-L	PASSAGE	27	0	0		
S2U		NSU	1-52-2-L	CREW WR, WC, SH	99	0	0		
S2U		NSU	1-52-2-L	CREW WR, WC, SH	99	0	0	DJ	NC
S2U		S2I	1-63-2-Q	FAN ROOM	54	0	0		
S2U		S2U	1-72-0-A	REPAIR ANNEX	46.8	0	0		
S2U		S2U	1-72-2-Q	SUPPLY OFFICE	88.2	0	0		
S2I	S3U		(none)	(weather bulkhead)	27	0	0		
D06			2-52-0-L	CREW WR, WC, SH	16	0	0		
D04			2-52-01-L	CREW BERTHING	199	0	0		
D04			01-44-0-L	CO SR	6	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D04			01-44-1-L	CO CABIN	89	0	0		
D04			01-59-0-L	OFFICER SR	55.8	0	0		
D04			01-69-0-L	PASSAGE	43.8	0	0		
D04			(none)	(weather overhead)	20.4	0	0		
			1-52-01A-L	PASSAGE	(CUI	= LP)			
S2U		S2U	1-32-0-L	CREW BERTHING	57.6	0	0	DWT	Y
S2U		S2U	1-52-0-L	CREW BERTHING	108	0	0		
S2U		S2U	1-52-0-L	CREW BERTHING	27	0	0		
S2U		S2U	1-52-0-L	CREW BERTHING	72	0	0		
000		000	1-52-01B-L	PASSAGE	41.4	0	0		
000		000	1-52-01C-L	PASSAGE	30.6	0	0		
S2U		S2U	1-52-1-A	SHIPS SERVICE STORE	36	0	0	DJ	NC
S2U		S2U	1-57-1-A	FWD REPAIR LKR	57.6	0	0	DJ	NC
S2U		S2I	1-63-1-Q	FAN ROOM	59.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	68.4	0	0		
D04			2-52-01-L	CREW BERTHING	92	0	0	HL	X
D06			2-72-1-L	ENGINEERING OFFICER	13.6	0	0		
D04			2-76-0A-L	PASSAGE	2	0	0		
D06			01-44-1-L	CO CABIN	73.4	0	0		
D06			01-69-0-L	PASSAGE	4.6	0	0	HO	O
D04			(none)	(weather overhead)	29.7	0	0		
			1-52-01B-L	PASSAGE	(CUI	= LP)			
S2U		S2U	1-52-0-L	CREW BERTHING	27	0	0		
000		000	1-52-01A-L	PASSAGE	41.4	0	0		
000		000	1-52-01C-L	PASSAGE	30.6	0	0		
S2U		S2U	1-52-01C-L	PASSAGE	27	0	0		
S2U		S2U	1-72-0-A	REPAIR ANNEX	46.8	0	0	DJ	NC
S2U		S2U	1-72-0-A	REPAIR ANNEX	41.4	0	0		
S2U		S2U	1-72-2-Q	SUPPLY OFFICE	88.2	0	0	DJ	NC
S2U		NPU	1-80-0-L	WARDROOM	135	0	0		
S2I	S3U		(none)	(weather bulkhead)	30.6	0	0	DWT	Z
D06			2-72-1-L	ENGINEERING OFFICER	7.8	0	0		
D06			2-72-2-L	OFFICER WR, WC, SH	15	0	0		
D06			2-72-4-L	OFFICER SR	10.2	0	0		
D04			2-76-0A-L	PASSAGE	18.2	0	0	HL	Y
D06			2-78-0-A	HS STORES	12.9	0	0		
D06			2-78-2-A	REC LKR	10.9	0	0		
D06			01-69-0-L	PASSAGE	13.2	0	0		
D06			01-72-0-L	XO SR	22.6	0	0		
D06			01-72-01-L	OPS OFFICER SR	27.6	0	0		
D04			(none)	(weather overhead)	11.6	0	0		
			1-52-01C-L	PASSAGE	(CUI	= LP)			
000		000	1-52-01A-L	PASSAGE	30.6	0	0		
000		000	1-52-01B-L	PASSAGE	30.6	0	0		
S2U		S2U	1-52-01B-L	PASSAGE	27	0	0		
S2U		NPU	1-80-0-L	WARDROOM	68.4	0	0	DJ	NC
S2U		NPU	1-80-0-L	WARDROOM	86.4	0	0		
S2U		NPU	1-80-0-L	WARDROOM	21.6	0	0		
S2U		NPU	1-80-0-L	WARDROOM	72	0	0	DJ	NC

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S2U		NPU	1-93-0-L	CPO MESS	27	0	0	DJ	NC
S2U		NPU	1-93-0-L	CPO MESS	25.2	0	0		
S2U		S2U	1-99-1-Q	SHIPS OFFICE	66.6	0	0	DJ	NC
S2U		S2U	1-99-1-Q	SHIPS OFFICE	48.6	0	0		
S2U		S2U	1-108-1-L	PASSAGE	30.6	0	0	DJ	NC
S2I	S3U		(none)	(weather bulkhead)	282.6	0	0	DWT	Z
D06			2-72-1-L	ENGINEERING OFFICER	17.8	0	0		
D04			2-76-0A-L	PASSAGE	19.4	0	0		
D04			2-84-1-L	OFFICER SR	57.6	0	0		
D04			2-96-0-L	PASSAGE	27.3	0	0		
D04			2-96-1-L	CPO STATEROOM	47.2	0	0		
D06			01-72-01-L	OPS OFFICER SR	27	0	0		
D06			01-87-1-L	OPS OFFICER WR, WC,	8.4	0	0		
D06			01-92-0-Q	HELO SERVICE	16.9	0	0		
D06			01-99-0-Q	UPTAKE AND FAN ROOM	13.1	0	0		
D04			(none)	(weather overhead)	95.4	0	0		
			1-52-1-A	SHIPS SERVICE STORE	(CUI	= AG)			
S2U		S2U	1-32-0-L	CREW BERTHING	43.2	0	0		
S2U		S2U	1-52-01A-L	PASSAGE	36	0	0	DJ	NC
S2U		S2U	1-57-1-A	FWD REPAIR LKR	46.8	0	0		
S2I	S3U		(none)	(weather bulkhead)	36.2	0	0		
D04			2-52-01-L	CREW BERTHING	11.2	0	0		
D06			01-44-1-L	CO CABIN	2.4	0	0		
D06			(none)	(weather overhead)	17.6	0	0		
			1-52-2-L	CREW WR, WC, SH	(CUI	= LW)			
S2I		S2U	3-52-2-M	AMMO HOIST	45	0	0		
S2I		S2U	3-52-2-M	AMMO HOIST	45	0	0		
S2I		S2U	3-52-2-M	AMMO HOIST	19.8	0	0		
S2I		S2I	1-32-0-L	CREW BERTHING	37.8	0	0		
S2I		S2U	1-32-0-L	CREW BERTHING	79.2	0	0	DWT	Y
NSU		S2U	1-52-0-L	CREW BERTHING	99	0	0		
NSU		S2U	1-52-0-L	CREW BERTHING	99	0	0	DJ	NC
NSU		S2I	1-63-2-Q	FAN ROOM	45	0	0		
S3I	S3U		(none)	(weather bulkhead)	99.3	0	0		
D06			2-52-0-L	CREW WR, WC, SH	89.6	0	0		
D04			2-52-01-L	CREW BERTHING	36.5	0	0		
D06			2-52-02-A	CLEANING GEAR LKR	11	0	0		
D06			01-44-0-L	CO SR	27.6	0	0		
D06			01-44-2-L	CO WR, WC, SH	14	0	0		
D06			01-56-2-L	OFFICER WR, WC, SH	46.4	0	0		
D06			01-59-0-L	OFFICER SR	22	0	0		
D06			(none)	(weather overhead)	50.6	0	0		
			1-57-1-A	FWD REPAIR LKR	(CUI	= AG)			
S2U		S2U	1-52-01A-L	PASSAGE	57.6	0	0	DJ	NC
S2U		S2U	1-52-1-A	SHIPS SERVICE STORE	46.8	0	0		
S2U		S2I	1-63-1-Q	FAN ROOM	50.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	57.7	0	0		
D04			2-52-01-L	CREW BERTHING	21.3	0	0		
D06			01-44-1-L	CO CABIN	3.8	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D06			(none)	(weather overhead)	30.7	0	0		
			1-63-1-Q	FAN ROOM	(CUI	= QF)			
S2I		S2U	1-52-01A-L	PASSAGE	59.4	0	0		
S2I		S2U	1-57-1-A	FWD REPAIR LKR	50.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	59.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	50.4	0	0	DJ	NC
D04			2-52-01-L	CREW BERTHING	26.2	0	0		
S2I			01-44-1-L	CO CABIN	2.2	0	0		
D06			(none)	(weather overhead)	34.8	0	0		
			1-63-2-Q	FAN ROOM	(CUI	= QF)			
S2I		S2U	1-52-0-L	CREW BERTHING	54	0	0		
S2I		NSU	1-52-2-L	CREW WR, WC, SH	45	0	0		
S2I	S3U		(none)	(weather bulkhead)	54	0	0		
S2I	S3U		(none)	(weather bulkhead)	45	0	0	DJ	NC
D04			2-52-01-L	CREW BERTHING	20	0	0		
D06			(none)	(weather overhead)	30	0	0		
			1-72-0-A	REPAIR ANNEX	(CUI	= AG)			
S2U		S2U	1-52-0-L	CREW BERTHING	46.8	0	0		
S2U		S2U	1-52-01B-L	PASSAGE	46.8	0	0	DJ	NC
S2U		S2U	1-52-01B-L	PASSAGE	41.4	0	0		
S2U		S2U	1-72-2-Q	SUPPLY OFFICE	41.4	0	0		
D06			2-72-0-L	OFFICER WR, WC, SH	14.7	0	0		
D06			2-72-1-L	ENGINEERING OFFICER	5.2	0	0		
D06			2-75-1-A	WARDROBE	4	0	0		
D04			01-72-0-L	XO SR	2.8	0	0		
D04			01-72-01-L	OPS OFFICER SR	21.2	0	0		
			1-72-2-Q	SUPPLY OFFICE	(CUI	= QO)			
S2U		S2U	1-52-0-L	CREW BERTHING	88.2	0	0		
S2U		S2U	1-52-01B-L	PASSAGE	88.2	0	0	DJ	NC
S2U		S2U	1-72-0-A	REPAIR ANNEX	41.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	41.4	0	0		
D06			2-72-0-L	OFFICER WR, WC, SH	11	0	0		
D06			2-72-2-L	OFFICER WR, WC, SH	20.2	0	0		
D06			2-72-4-L	OFFICER SR	13.8	0	0		
D04			01-69-0-L	PASSAGE	13.8	0	0		
D04			01-72-0-L	XO SR	15.6	0	0		
D04			(none)	(weather overhead)	15.6	0	0		
			1-80-0-L	WARDROOM	(CUI	= LL)			
NPU		S2U	1-52-01B-L	PASSAGE	135	0	0		
NPU		S2U	1-52-01C-L	PASSAGE	68.4	0	0	DJ	NC
NPU		S2U	1-52-01C-L	PASSAGE	86.4	0	0		
NPU		S2U	1-52-01C-L	PASSAGE	21.6	0	0		
NPU		S2U	1-52-01C-L	PASSAGE	72	0	0	DJ	NC
NPU		NPU	1-93-0-L	CPO MESS	88.2	0	0		
NPU		NPU	1-93-0-L	CPO MESS	27	0	0		
S2I	S3U		(none)	(weather bulkhead)	131.4	0	0		
D06			2-72-4-L	OFFICER SR	29.6	0	0		
D04			2-76-0A-L	PASSAGE	6.4	0	0		
D04			2-76-0B-L	PASSAGE	79.9	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
D04			2-84-1-L	OFFICER SR	6.4	0	0		
D04			2-84-2-L	OFFICER SR	64.8	0	0		
D06			2-88-1-L	OFFICER WR, WC, SH	32	0	0		
D06			2-88-2-L	OFFICER WR, WC, SH	26.4	0	0		
D04			2-96-0-L	PASSAGE	7	0	0		
D06			01-72-0-L	XO SR	60.4	0	0		
D06			01-72-01-L	OPS OFFICER SR	28	0	0		
D06			01-89-2-A	EQPT LKR	10.8	0	0		
D06			01-87-0-L	XO WR, WC, SH	30	0	0		
D06			01-87-1-L	OPS OFFICER WR, WC,	19.6	0	0		
D06			01-92-0-Q	HELO SERVICE	59.2	0	0		
D06			(none)	(weather overhead)	49.6	0	0		
			1-93-0-L	CPO MESS	(CUI	= LL)			
NPU		S2U	1-52-01C-L	PASSAGE	27	0	0	DJ	NC
NPU		S2U	1-52-01C-L	PASSAGE	25.2	0	0		
NPU		NPU	1-80-0-L	WARDROOM	88.2	0	0		
NPU		NPU	1-80-0-L	WARDROOM	27	0	0		
NPU		S2U	1-99-1-Q	SHIPS OFFICE	66.6	0	0		
S2I		S2I	1-108-0-Q	UPTAKE	113.4	0	0		
S2I	S3U		(none)	(weather bulkhead)	120.6	0	0		
D04			2-84-2-L	OFFICER SR	6.4	0	0		
D06			2-88-2-L	OFFICER WR, WC, SH	5.6	0	0		
D04			2-96-0-L	PASSAGE	45.9	0	0	HL	Y
D04			2-96-2-L	CPO STATEROOM	69.6	0	0		
D06			2-99-0-L	CPO WR, WC, SH	39.6	0	0		
D06			01-92-0-Q	HELO SERVICE	28.2	0	0		
D06			01-99-0-Q	UPTAKE AND FAN ROOM	78.3	0	0		
D06			(none)	(weather overhead)	45.6	0	0		
			1-99-1-Q	SHIPS OFFICE	(CUI	= QO)			
S2U		S2U	1-52-01C-L	PASSAGE	66.6	0	0	DJ	NC
S2U		S2U	1-52-01C-L	PASSAGE	48.6	0	0		
S2U		NPU	1-93-0-L	CPO MESS	66.6	0	0		
S2I		S2I	1-108-0-Q	UPTAKE	48.6	0	0		
D04			2-96-0-L	PASSAGE	35.6	0	0		
D04			2-96-1-L	CPO STATEROOM	13.3	0	0		
D06			2-99-0-L	CPO WR, WC, SH	23.6	0	0		
D04			01-99-0-Q	UPTAKE AND FAN ROOM	40	0	0		
			1-108-0-Q	UPTAKE	(CUI	= TU)			
S2I		S2I	1-93-0-L	CPO MESS	113.4	0	0		
S2I		S2I	1-99-1-Q	SHIPS OFFICE	48.6	0	0		
S2I		S2U	1-108-1-L	PASSAGE	54	0	0		
S2I		S2U	1-114-0-L	DISPENSARY	73.8	0	0		
S2I		NSU	1-114-2-Q	SCULLERY	88.2	0	0		
S2I	S3U		(none)	(weather bulkhead)	54	0	0	DWT	Z
D06			4-108-0-E	ENGINE ROOM	108	0	0		
S2I			01-99-0-Q	UPTAKE AND FAN ROOM	87.6	0	0		
D04			(none)	(weather overhead)	20.4	0	0		
			1-108-1-L	PASSAGE	(CUI	= LP)			
S2U		S2U	1-52-01C-L	PASSAGE	30.6	0	0	DJ	NC

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
S2U		S2I	1-108-0-Q	UPTAKE	54	0	0		
S2U		S2U	1-114-0-L	DISPENSARY	63	0	0	DJ	NC
000		000	1-121-0-L	CREWS MESS	30.6	0	0		
S2I	S3U		(none)	(weather bulkhead)	117	0	0		
D06			4-108-0-E	ENGINE ROOM	44.2	0	0		
D04			(none)	(weather overhead)	44.2	0	0		
			1-114-0-L	DISPENSARY	(CUI	= LM)			
S2U		S2I	1-108-0-Q	UPTAKE	73.8	0	0		
S2U		S2U	1-108-1-L	PASSAGE	63	0	0	DJ	NC
S2U		NSU	1-114-2-Q	SCULLERY	63	0	0		
S2U		S2U	1-121-0-L	CREWS MESS	73.8	0	0		
D06			4-108-0-E	ENGINE ROOM	57.4	0	0		
D04			(none)	(weather overhead)	57.4	0	0		
			1-114-2-Q	SCULLERY	(CUI	= QG)			
NSU		S2I	1-108-0-Q	UPTAKE	88.2	0	0		
NSU		S2U	1-114-0-L	DISPENSARY	63	0	0		
NSU		S2U	1-121-0-L	CREWS MESS	88.2	0	0	DJ	NO
NSU	S3I		(none)	(weather bulkhead)	63	0	0		
D06			4-108-0-E	ENGINE ROOM	68.6	0	0		
NSU			(none)	(weather overhead)	68.6	0	0		
			1-121-0-L	CREWS MESS	(CUI	= LL)			
000		000	1-108-1-L	PASSAGE	30.6	0	0		
S2U		S2U	1-114-0-L	DISPENSARY	73.8	0	0		
S2U		NSU	1-114-2-Q	SCULLERY	88.2	0	0	DJ	NO
NPU		S2U	1-143-2-L	STAIRWAY	27	0	0		
S2U		S2U	1-143-2-L	STAIRWAY	27	0	0		
S2U		S2U	1-143-2-L	STAIRWAY	63	0	0	DJ	NC
NSU		NSU	1-148-0-Q	GALLEY	45	0	0		
NSU		NSU	1-148-0-Q	GALLEY	27	0	0		
NSU		NSU	1-148-0-Q	GALLEY	72	0	0	DJ	NC
								DJ	NO
S2I	S3U		(none)	(weather bulkhead)	198.2	0	0	DWT	Z
S2I	S3U		(none)	(weather bulkhead)	252	0	0	DWT	Z
S2I	S3U		(none)	(weather bulkhead)	27	0	0	DWT	Z
D06			4-108-0-E	ENGINE ROOM	349.5	0	0		
D06			2-136-0-C	CONTROL BOOTH	85.5	0	0		
D06			2-140-1-Q	ENGINEERS WORKSHOP	33.6	0	0		
D06			2-140-0A-L	PASSAGE	42	0	0		
D06			(none)	(weather overhead)	510.6	0	0		
			1-143-2-L	STAIRWAY	(CUI	= LP)			
S2U		NPU	1-121-0-L	CREWS MESS	27	0	0		
S2U		S2U	1-121-0-L	CREWS MESS	27	0	0		
S2U		S2U	1-121-0-L	CREWS MESS	63	0	0	DJ	NC
S2U		NSU	1-148-0-Q	GALLEY	63	0	0		
D04			2-143-2-L	STAIRWAY	13.8	0	0	HL	Y
D06			2-143-2-Q	ENGINEERING OFFICE	7.2	0	0		
D04			(none)	(weather overhead)	21	0	0		
			1-148-0-Q	GALLEY	(CUI	= QG)			
NSU		NSU	1-121-0-L	CREWS MESS	45	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
NSU		NSU	1-121-0-L	CREWS MESS	27	0	0		
NSU		NSU	1-121-0-L	CREWS MESS	72	0	0	DJ	NC
								DJ	NO
NSU		S2U	1-143-2-L	STAIRWAY	63	0	0		
000		000	1-159-1-A	DRY STORES	45	0	0		
NSU		S2I	1-159-2-A	DRY PROVISIONS STORE	45	0	0	DJ	NC
NSU	S3I		(none)	(weather bulkhead)	90	0	0		
NSU	S3I		(none)	(weather bulkhead)	117	0	0	DWT	Z
NSU	S3I		(none)	(weather bulkhead)	90	0	0		
D06			2-140-1-Q	ENGINEERS WORKSHOP	76	0	0		
D06			2-140-0B-L	PASSAGE	55	0	0		
D06			2-143-2-Q	ENGINEERING OFFICE	54	0	0		
D06			2-156-0-A	THAW BOX	18	0	0		
D06			2-156-01B-L	PASSAGE	24	0	0		
D06			2-156-1-A	FREEZER BOX	18	0	0		
D04			(none)	(weather overhead)	245	0	0		
			1-159-1-A	DRY STORES	(CUI	= AS)			
000		000	1-148-0-Q	GALLEY	45	0	0		
S2I	S3U		(none)	(weather bulkhead)	21.6	0	0		
S2U	S3U		(none)	(weather bulkhead)	45	0	0		
NSU	S3U		(none)	(weather bulkhead)	21.6	0	0		
D06			2-156-1-A	FREEZER BOX	12	0	0		
D04			(none)	(weather overhead)	12	0	0		
			1-159-2-A	DRY PROVISIONS STORE	(CUI	= AS)			
S2I		NSU	1-148-0-Q	GALLEY	45	0	0	DJ	NC
S2I	S3U		(none)	(weather bulkhead)	45	0	0		
S2I	S3U		(none)	(weather bulkhead)	45	0	0		
S2I	S3U		(none)	(weather bulkhead)	45	0	0		
D06			2-156-01B-L	PASSAGE	25	0	0		
D06			(none)	(weather overhead)	25	0	0		
			01-44-0-L	CO SR	(CUI	= L1)			
NPU		NPU	01-44-1-L	CO CABIN	22.5	0	0		
NPU		NPU	01-44-1-L	CO CABIN	15	0	0		
NPU		NPU	01-44-1-L	CO CABIN	82.5	0	0	DJ	NC
NPU		NSU	01-44-2-L	CO WR, WC, SH	82.5	0	0	DJ	NC
NPU		NSU	01-56-2-L	OFFICER WR, WC, SH	24	0	0		
NPU		NSU	01-56-2-L	OFFICER WR, WC, SH	22.5	0	0		
NPU		NSU	01-56-2-L	OFFICER WR, WC, SH	21	0	0		
A2I	A2U		(none)	(weather bulkhead)	60	0	0		
D06			1-32-0-L	CREW BERTHING	64	0	0		
D04			1-52-0-L	CREW BERTHING	6	0	0		
D06			1-52-2-L	CREW WR, WC, SH	27.6	0	0		
A2I			02-56-2-C	CIC ROOM	10.9	0	0		
A2I			(none)	(weather overhead)	85.4	0	0		
			01-44-1-L	CO CABIN	(CUI	= L1)			
NPU		NPU	01-44-0-L	CO SR	22.5	0	0		
NPU		NPU	01-44-0-L	CO SR	15	0	0		
NPU		NPU	01-44-0-L	CO SR	82.5	0	0	DJ	NC
NPU		NSU	01-56-2-L	OFFICER WR, WC, SH	22.5	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
NPU		NPU	01-59-0-L	OFFICER SR	60	0	0		
NPU		NPU	01-69-0-L	PASSAGE	57	0	0	DJ	NC
NPI	A2U		(none)	(weather bulkhead)	22.5	0	0		
NPI	A2U		(none)	(weather bulkhead)	25.5	0	0		
NPI	A2U		(none)	(weather bulkhead)	153	0	0		
NPI	A2U		(none)	(weather bulkhead)	68.6	0	0		
D06			1-32-0-L	CREW BERTHING	64.8	0	0		
D04			1-52-0-L	CREW BERTHING	89	0	0		
D06			1-52-01A-L	PASSAGE	73.4	0	0		
D06			1-52-1-A	SHIPS SERVICE STORE	2.4	0	0		
D06			1-57-1-A	FWD REPAIR LKR	3.8	0	0		
S2I			1-63-1-Q	FAN ROOM	2.2	0	0		
A2I			02-56-1-C	RADIO ROOM	131.4	0	0		
A2I			(none)	(weather overhead)	104.2	0	0		
			01-44-2-L	CO WR, WC, SH	(CUI	= LW)			
NSU		A2U	3-52-2-M	AMMO HOIST	16.5	0	0		
NSU		A2U	3-52-2-M	AMMO HOIST	37.5	0	0		
NSU		NPU	01-44-0-L	CO SR	82.5	0	0	DJ	NC
NSU		NSU	01-56-2-L	OFFICER WR, WC, SH	15	0	0		
NSU		NSU	01-56-2-L	OFFICER WR, WC, SH	21	0	0		
NSU	A2U		(none)	(weather bulkhead)	48	0	0		
NSU	A2U		(none)	(weather bulkhead)	39.4	0	0		
D06			1-32-0-L	CREW BERTHING	36	0	0		
D06			1-52-2-L	CREW WR, WC, SH	14	0	0		
D04			(none)	(weather overhead)	49.1	0	0		
			01-56-2-L	OFFICER WR, WC, SH	(CUI	= LW)			
NSU		A2U	3-52-2-M	AMMO HOIST	16.5	0	0		
NSU		NPU	01-44-0-L	CO SR	24	0	0		
NSU		NPU	01-44-0-L	CO SR	22.5	0	0		
NSU		NPU	01-44-0-L	CO SR	21	0	0		
NSU		NPU	01-44-1-L	CO CABIN	22.5	0	0		
NSU		NSU	01-44-2-L	CO WR, WC, SH	15	0	0		
NSU		NSU	01-44-2-L	CO WR, WC, SH	21	0	0		
NSU		NPU	01-59-0-L	OFFICER SR	82.5	0	0	DJ	NC
NSU	A2U		(none)	(weather bulkhead)	30	0	0		
D06			1-52-2-L	CREW WR, WC, SH	46.4	0	0		
A2I			02-56-2-C	CIC ROOM	43.1	0	0		
A2I			(none)	(weather overhead)	3.4	0	0		
			01-59-0-L	OFFICER SR	(CUI	= L2)			
NPU		NPU	01-44-1-L	CO CABIN	60	0	0		
NPU		NSU	01-56-2-L	OFFICER WR, WC, SH	82.5	0	0	DJ	NC
A2I		NPU	01-69-0-L	PASSAGE	57	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	37.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	25.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	22.5	0	0		
D04			1-52-0-L	CREW BERTHING	55.8	0	0		
D06			1-52-2-L	CREW WR, WC, SH	22	0	0		
A2U			02-56-2-C	CIC ROOM	77.8	0	0		
			01-69-0-L	PASSAGE	(CUI	= LP)			

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
NPU		NPU	01-44-1-L	CO CABIN	57	0	0	DJ	NC
NPU		A2I	01-59-0-L	OFFICER SR	57	0	0	DJ	NC
NPU		A2U	01-72-0-L	XO SR	22.5	0	0		
NPU		A2U	01-72-0-L	XO SR	37.5	0	0		
NPU		A2U	01-72-0-L	XO SR	30	0	0	DJ	NC
NPU		A2U	01-72-01-L	OPS OFFICER SR	39	0	0	DJ	NC
NPU		A2U	01-72-01-L	OPS OFFICER SR	37.5	0	0		
NPU		A2U	01-72-01-L	OPS OFFICER SR	22.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	60	0	0	DWT	Z
A2I	A2U		(none)	(weather bulkhead)	60	0	0	DWT	Z
D04			1-52-0-L	CREW BERTHING	43.8	0	0		
D06			1-52-01A-L	PASSAGE	4.6	0	0	HO	O
D06			1-52-01B-L	PASSAGE	13.2	0	0		
D04			1-72-2-Q	SUPPLY OFFICE	13.8	0	0		
A2U			02-56-1-C	RADIO ROOM	37.8	0	0		
A2U			02-56-2-C	CIC ROOM	7.6	0	0		
A2U			02-69-2-L	PASSAGE	24.2	0	0		
A2U			02-69-4-L	VESTIBULE	6	0	0		
			01-72-0-L	XO SR	(CUI	= L1)			
A2U		NPU	01-69-0-L	PASSAGE	22.5	0	0		
A2U		NPU	01-69-0-L	PASSAGE	37.5	0	0		
A2U		NPU	01-69-0-L	PASSAGE	30	0	0	DJ	NC
NPU		NPU	01-72-01-L	OPS OFFICER SR	52.5	0	0		
NPU		NPU	01-72-01-L	OPS OFFICER SR	4.5	0	0		
NPU		NPU	01-72-01-L	OPS OFFICER SR	60	0	0		
A2U		A2I	01-89-2-A	EQPT LKR	27	0	0		
NPI		NSU	01-87-0-L	XO WR, WC, SH	15	0	0		
NPI		NSU	01-87-0-L	XO WR, WC, SH	30	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	90	0	0		
D06			1-52-01B-L	PASSAGE	22.6	0	0		
D04			1-72-0-A	REPAIR ANNEX	2.8	0	0		
D04			1-72-2-Q	SUPPLY OFFICE	15.6	0	0		
D06			1-80-0-L	WARDROOM	60.4	0	0		
A2U			02-69-2-L	PASSAGE	48.6	0	0		
A2U			02-81-2-Q	FAN ROOM	52.8	0	0		
			01-72-01-L	OPS OFFICER SR	(CUI	= L1)			
A2U		NPU	01-69-0-L	PASSAGE	39	0	0	DJ	NC
A2U		NPU	01-69-0-L	PASSAGE	37.5	0	0		
A2U		NPU	01-69-0-L	PASSAGE	22.5	0	0		
NPU		NPU	01-72-0-L	XO SR	52.5	0	0		
NPU		NPU	01-72-0-L	XO SR	4.5	0	0		
NPU		NPU	01-72-0-L	XO SR	60	0	0		
NPI		NSU	01-87-0-L	XO WR, WC, SH	15	0	0		
NPI		NSU	01-87-1-L	OPS OFFICER WR, WC,	42	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	75	0	0		
D06			1-52-01B-L	PASSAGE	27.6	0	0		
D06			1-52-01C-L	PASSAGE	27	0	0		
D04			1-72-0-A	REPAIR ANNEX	21.2	0	0		
D06			1-80-0-L	WARDROOM	28	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
A2U			02-56-1-C	RADIO ROOM	30.6	0	0		
A2U			02-69-2-L	PASSAGE	4.8	0	0		
A2U			02-78-1-Q	ELEC LAB AND STORAGE	68.4	0	0		
			01-89-2-A	EQPT LKR	(CUI	= AG)			
A2I		A2U	01-72-0-L	XO SR	27	0	0		
A2I		NSU	01-87-0-L	XO WR, WC, SH	22.5	0	0		
A2U		A2I	01-92-0-Q	HELO SERVICE	27	0	0		
A2I	A2U		(none)	(weather bulkhead)	22.5	0	0	DJ	NC
D06			1-80-0-L	WARDROOM	10.8	0	0		
A2I			02-81-2-Q	FAN ROOM	3.6	0	0		
A2I			02-90-0-Q	PLENUM ROOM	7.2	0	0		
			01-87-0-L	XO WR, WC, SH	(CUI	= LW)			
NSU		NPI	01-72-0-L	XO SR	15	0	0		
NSU		NPI	01-72-0-L	XO SR	30	0	0	DJ	NC
NSU		NPI	01-72-01-L	OPS OFFICER SR	15	0	0		
NSU		A2I	01-89-2-A	EQPT LKR	22.5	0	0		
NSU		NSU	01-87-1-L	OPS OFFICER WR, WC,	37.5	0	0		
NSU		A2I	01-92-0-Q	HELO SERVICE	45	0	0		
D06			1-80-0-L	WARDROOM	30	0	0		
A2I			02-78-1-Q	ELEC LAB AND STORAGE	10	0	0		
A2I			02-81-2-Q	FAN ROOM	12	0	0		
A2I			02-90-0-Q	PLENUM ROOM	8	0	0		
			01-87-1-L	OPS OFFICER WR, WC, SH	(CUI	= LW)			
NSU		NPI	01-72-01-L	OPS OFFICER SR	42	0	0	DJ	NC
NSU		NSU	01-87-0-L	XO WR, WC, SH	37.5	0	0		
NSU		A2I	01-92-0-Q	HELO SERVICE	42	0	0		
NSU	A2U		(none)	(weather bulkhead)	37.5	0	0		
D06			1-52-01C-L	PASSAGE	8.4	0	0		
D06			1-80-0-L	WARDROOM	19.6	0	0		
A2I			02-78-1-Q	ELEC LAB AND STORAGE	28	0	0		
			01-92-0-Q	HELO SERVICE	(CUI	= QA)			
A2I		A2U	01-89-2-A	EQPT LKR	27	0	0		
A2I		NSU	01-87-0-L	XO WR, WC, SH	45	0	0		
A2I		NSU	01-87-1-L	OPS OFFICER WR, WC,	42	0	0		
A2U		A2I	01-99-0-Q	UPTAKE AND FAN ROOM	109.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	52.7	0	0		
A2I	A2U		(none)	(weather bulkhead)	52.5	0	0	DJ	NC
D06			1-52-01C-L	PASSAGE	16.9	0	0		
D06			1-80-0-L	WARDROOM	59.2	0	0		
D06			1-93-0-L	CPO MESS	28.2	0	0		
A2I			02-90-0-Q	PLENUM ROOM	104.3	0	0		
			01-99-0-Q	UPTAKE AND FAN ROOM	(CUI	= TU)			
A2I		A2U	01-92-0-Q	HELO SERVICE	109.5	0	0		
A2U		A2I	02-90-0-Q	PLENUM ROOM	116.8	0	0		
A2I	A2U		(none)	(weather bulkhead)	109.5	0	0		
A2I	A2U		(none)	(weather bulkhead)	112.5	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	112.5	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	116.8	0	0		
A2I	A2U		(none)	(weather bulkhead)	120	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
A2I	A2U		(none)	(weather bulkhead)	120	0	0		
D06			1-52-01C-L	PASSAGE	13.1	0	0		
D06			1-93-0-L	CPO MESS	78.3	0	0		
D04			1-99-1-Q	SHIPS OFFICE	40	0	0		
S2I			1-108-0-Q	UPTAKE	87.6	0	0		
A2I			(none)	(weather overhead)	219	0	0		
			02-56-1-C	RADIO ROOM	(CUI	= C)			
A2U		A2U	02-56-2-C	CIC ROOM	128	0	0		
A2I		A2U	02-69-2-L	PASSAGE	64	0	0	DJ	NC
A2I		A2U	02-78-1-Q	ELEC LAB AND STORAGE	60.8	0	0		
A2I	A2U		(none)	(weather bulkhead)	139.7	0	0		
A2I	A2U		(none)	(weather bulkhead)	80	0	0		
A2I	A2U		(none)	(weather bulkhead)	70.4	0	0		
A2I	A2U		(none)	(weather bulkhead)	64	0	0		
A2I			01-44-1-L	CO CABIN	131.4	0	0		
A2U			01-69-0-L	PASSAGE	37.8	0	0		
A2U			01-72-01-L	OPS OFFICER SR	30.6	0	0		
A2I			03-62-0-C	PILOT HOUSE	155	0	0		
A2I			(none)	(weather overhead)	119	0	0		
			02-56-2-C	CIC ROOM	(CUI	= C)			
A2U		A2U	02-56-1-C	RADIO ROOM	128	0	0		
A2I		A2U	02-69-2-L	PASSAGE	36.8	0	0		
A2I		A2U	02-69-4-L	VESTIBULE	24	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	139.7	0	0		
A2I	A2U		(none)	(weather bulkhead)	80	0	0		
A2I	A2U		(none)	(weather bulkhead)	70.4	0	0		
A2I			01-44-0-L	CO SR	10.9	0	0		
A2I			01-56-2-L	OFFICER WR, WC, SH	43.1	0	0		
A2U			01-59-0-L	OFFICER SR	77.8	0	0		
A2U			01-69-0-L	PASSAGE	7.6	0	0		
A2I			03-62-0-C	PILOT HOUSE	99	0	0		
A2I			(none)	(weather overhead)	114.2	0	0		
			02-69-2-L	PASSAGE	(CUI	= LP)			
A2U		A2I	02-56-1-C	RADIO ROOM	64	0	0	DJ	NC
A2U		A2I	02-56-2-C	CIC ROOM	36.8	0	0		
A2U		A2U	02-69-4-L	VESTIBULE	24	0	0		
A2U		A2U	02-69-4-L	VESTIBULE	16	0	0	DJ	NC
A2U		A2U	02-78-1-Q	ELEC LAB AND STORAGE	24	0	0	DJ	NC
A2U		A2I	02-81-2-Q	FAN ROOM	60.8	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	72	0	0		
A2U			01-69-0-L	PASSAGE	24.2	0	0		
A2U			01-72-0-L	XO SR	48.6	0	0		
A2U			01-72-01-L	OPS OFFICER SR	4.8	0	0		
A2I			03-62-0-C	PILOT HOUSE	58.2	0	0		
A2I			(none)	(weather overhead)	19.4	0	0		
			02-69-4-L	VESTIBULE	(CUI	= LP)			
A2U		A2I	02-56-2-C	CIC ROOM	24	0	0	DJ	NC
A2U		A2U	02-69-2-L	PASSAGE	24	0	0		
A2U		A2U	02-69-2-L	PASSAGE	16	0	0	DJ	NC

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
A2I	A2U		(none)	(weather bulkhead)	16	0	0		
A2U			01-69-0-L	PASSAGE	6	0	0		
A2I			03-62-0-C	PILOT HOUSE	4.8	0	0	HO	O
			02-78-1-Q	ELEC LAB AND STORAGE	(CUI	= QS)			
A2U		A2I	02-56-1-C	RADIO ROOM	60.8	0	0		
A2U		A2U	02-69-2-L	PASSAGE	24	0	0	DJ	NC
A2U		A2I	02-81-2-Q	FAN ROOM	72	0	0		
A2U		A2I	02-90-0-Q	PLENUM ROOM	16	0	0		
A2U		A2I	02-90-0-Q	PLENUM ROOM	60.8	0	0		
A2I	A2U		(none)	(weather bulkhead)	112	0	0		
A2U			01-72-01-L	OPS OFFICER SR	68.4	0	0		
A2I			01-87-0-L	XO WR, WC, SH	10	0	0		
A2I			01-87-1-L	OPS OFFICER WR, WC,	28	0	0		
A2I			03-62-0-C	PILOT HOUSE	7	0	0		
A2I			(none)	(weather overhead)	99.4	0	0		
			02-81-2-Q	FAN ROOM	(CUI	= QF)			
A2I		A2U	02-69-2-L	PASSAGE	60.8	0	0	DJ	NC
A2I		A2U	02-78-1-Q	ELEC LAB AND STORAGE	72	0	0		
A2U		A2I	02-90-0-Q	PLENUM ROOM	60.8	0	0	DWT	X
A2I	A2U		(none)	(weather bulkhead)	72	0	0		
A2U			01-72-0-L	XO SR	52.8	0	0		
A2I			01-89-2-A	EQPT LKR	3.6	0	0		
A2I			01-87-0-L	XO WR, WC, SH	12	0	0		
A2I			(none)	(weather overhead)	68.4	0	0		
			02-90-0-Q	PLENUM ROOM	(CUI	= QF)			
A2I		A2U	01-99-0-Q	UPTAKE AND FAN ROOM	116.8	0	0		
A2I		A2U	02-78-1-Q	ELEC LAB AND STORAGE	16	0	0		
A2I		A2U	02-78-1-Q	ELEC LAB AND STORAGE	60.8	0	0		
A2I		A2U	02-81-2-Q	FAN ROOM	60.8	0	0	DWT	X
A2I	A2U		(none)	(weather bulkhead)	56.2	0	0		
A2I	A2U		(none)	(weather bulkhead)	72	0	0		
A2I			01-89-2-A	EQPT LKR	7.2	0	0		
A2I			01-87-0-L	XO WR, WC, SH	8	0	0		
A2I			01-92-0-Q	HELO SERVICE	104.3	0	0		
A2I			(none)	(weather overhead)	119.5	0	0		
			03-62-0-C	PILOT HOUSE	(CUI	= C)			
A2I	A2U		(none)	(weather bulkhead)	112	0	0		
A2I	A2U		(none)	(weather bulkhead)	72	0	0		
A2I	A2U		(none)	(weather bulkhead)	32	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	56	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	93.6	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	93.6	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	56	0	0	DJ	NC
A2I	A2U		(none)	(weather bulkhead)	32	0	0	DJ	NC
								DWT	Z
A2I	A2U		(none)	(weather bulkhead)	72	0	0		
A2I			02-56-1-C	RADIO ROOM	155	0	0		
A2I			02-56-2-C	CIC ROOM	99	0	0		
A2I			02-69-2-L	PASSAGE	58.2	0	0		

Table B.2 Barrier Data

Barrier Materials				Compartment	Area ft^2	Therm adj	Durab adj	Door/ Hatch	Read
<1>	<2>	<3>							
A2I			02-69-4-L	VESTIBULE	4.8	0	0	HO	O
A2I			02-78-1-Q	ELEC LAB AND STORAGE	7	0	0		
A2I			(none)	(weather overhead)	324	0	0		

Table B.2.1 SAFE Provided Barrier Materials (attachment)

Table B.3 Fire Safety Objectives

Plan ID	Compartment Name	MAL Rating	FAL (Years)	FREQ EB
CUI=AG (Gear Locker)				
3-12-0-Q	CHAIN LKR	3	12	0.0010
2-52-02-A	CLEANING GEAR LKR	4	8	0.0010
2-75-1-A	WARDROBE	3	16	0.0010
2-78-0-A	HS STORES	3	18	0.0010
2-78-2-A	REC LKR	3	12	0.0010
2-180-2-A	REPAIR PARTY LKR	3	18	0.0010
1-20-2-A	GENERAL STORES	2	25	0.0010
1-52-1-A	SHIPS SERVICE STORE	3	12	0.0010
1-57-1-A	FWD REPAIR LKR	3	18	0.0010
1-72-0-A	REPAIR ANNEX	3	12	0.0010
01-89-2-A	EQPT LKR	3	16	0.0010
CUI=AR (Refrigerated Storage)				
2-156-0-A	THAW BOX	2	23	0.0009
2-156-1-A	FREEZER BOX	2	23	0.0009
2-164-2-A	CHILL BOX	2	23	0.0009
CUI=AS (Storeroom)				
4-32-0-A	STOREROOM	2	21	0.0009
4-143-0-A	ENGINEERS STOREROOM	2	25	0.0009
2-16-0-A	BOSUN'S STORES	2	23	0.0009
2-156-02-A	DRY PROVISIONS STOREROOM	2	23	0.0009
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	2	22	0.0009
1-1-0-A	GENERAL STORES	2	25	0.0009
1-12-0-A	BOSUN'S STORES	2	23	0.0009
1-159-1-A	DRY STORES	2	23	0.0009
1-159-2-A	DRY PROVISIONS STORE	2	23	0.0009
CUI=C (Ship Control/Communications)				
3-72-0-C	IC AND GYRO ROOM	2	26	0.0012
2-136-0-C	CONTROL BOOTH	2	26	0.0012
02-56-1-C	RADIO ROOM	2	26	0.0012
02-56-2-C	CIC ROOM	2	26	0.0012
03-62-0-C	PILOT HOUSE	2	26	0.0012
CUI=EM (Main Propulsion - Mechanical)				
4-108-0-E	ENGINE ROOM	2	26	0.0272
CUI=K (Hazardous Material Storage)				
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	1	30	0.0013
CUI=L1 (Senior Officer's Cabin)				
2-72-1-L	ENGINEERING OFFICER SR	3	14	0.0008
01-44-0-L	CO SR	3	14	0.0008
01-44-1-L	CO CABIN	3	14	0.0008
01-72-0-L	XO SR	3	14	0.0008
01-72-01-L	OPS OFFICER SR	3	14	0.0008
CUI=L2 (Officer/CPO Quarters)				
2-72-4-L	OFFICER SR	3	14	0.0008

Table B.3 Fire Safety Objectives

Plan ID	Compartment Name	MAL Rating	FAL (Years)	FREQ EB
2-84-1-L	OFFICER SR	3	14	0.0008
2-84-2-L	OFFICER SR	3	14	0.0008
2-96-1-L	CPO STATEROOM	3	14	0.0008
2-96-2-L	CPO STATEROOM	3	14	0.0008
01-59-0-L	OFFICER SR	3	14	0.0008
CUI=L5 (Crews Berthing)				
2-32-01-L	CREW BERTHING	3	14	0.0008
2-52-01-L	CREW BERTHING	3	14	0.0008
1-32-0-L	CREW BERTHING	3	14	0.0008
1-52-0-L	CREW BERTHING	3	14	0.0008
CUI=LL (Wardroom/Mess/Lounge Areas)				
1-80-0-L	WARDROOM	2	24	0.0008
1-93-0-L	CPO MESS	2	24	0.0008
1-121-0-L	CREWS MESS	2	24	0.0008
CUI=LM (Medical/Dental Spaces)				
1-114-0-L	DISPENSARY	2	22	0.0004
CUI=LP (Passageway/Staircase/Vestibule)				
4-52-01-L	HANDLING PASSAGE	3	17	0.0001
2-76-0A-L	PASSAGE	3	17	0.0001
2-76-0B-L	PASSAGE	3	17	0.0001
2-96-0-L	PASSAGE	3	17	0.0001
2-140-0A-L	PASSAGE	3	17	0.0001
2-140-0B-L	PASSAGE	3	17	0.0001
2-143-2-L	STAIRWAY	3	17	0.0001
2-156-01A-L	PASSAGE	3	17	0.0001
2-156-01B-L	PASSAGE	3	17	0.0001
2-156-01C-L	PASSAGE	3	17	0.0001
2-172-0-L	PASSAGE	3	17	0.0001
1-52-01A-L	PASSAGE	3	17	0.0001
1-52-01B-L	PASSAGE	3	17	0.0001
1-52-01C-L	PASSAGE	3	17	0.0001
1-108-1-L	PASSAGE	3	17	0.0001
1-143-2-L	STAIRWAY	3	17	0.0001
01-69-0-L	PASSAGE	3	17	0.0001
02-69-2-L	PASSAGE	3	17	0.0001
02-69-4-L	VESTIBULE	3	17	0.0001
CUI=LW (Sanitary Spaces)				
2-32-0-L	CREW WR, WC, SH	4	8	0.0002
2-52-0-L	CREW WR, WC, SH	4	8	0.0002
2-72-0-L	OFFICER WR, WC, SH	4	8	0.0002
2-72-2-L	OFFICER WR, WC, SH	4	8	0.0002
2-88-1-L	OFFICER WR, WC, SH	4	8	0.0002
2-88-2-L	OFFICER WR, WC, SH	4	8	0.0002
2-99-0-L	CPO WR, WC, SH	4	8	0.0002

Table B.3 Fire Safety Objectives

Plan ID	Compartment Name	MAL Rating	FAL (Years)	FREQ EB
1-20-4-Q	DECON SHWR	3	17	0.0002
1-52-2-L	CREW WR, WC, SH	4	8	0.0002
01-44-2-L	CO WR, WC, SH	4	8	0.0002
01-56-2-L	OFFICER WR, WC, SH	4	8	0.0002
01-87-0-L	XO WR, WC, SH	4	8	0.0002
01-87-1-L	OPS OFFICER WR, WC, SH	4	8	0.0002
CUI=QA (Aux Machinery Spaces)				
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	2	26	0.0029
3-96-0-E	AUX MACHINERY ROOM	2	26	0.0029
4-156-0-E	AUX MACHINERY SPACE	2	26	0.0029
4-188-0-E	STEERING GEAR ROOM	2	26	0.0029
01-92-0-Q	HELO SERVICE	2	22	0.0029
CUI=QF (Fan Room)				
1-63-1-Q	FAN ROOM	3	18	0.0004
1-63-2-Q	FAN ROOM	3	18	0.0004
02-81-2-Q	FAN ROOM	3	18	0.0004
02-90-0-Q	PLENUM ROOM	3	18	0.0004
CUI=QG (Galley/Pantry/Scullery)				
1-114-2-Q	SCULLERY	2	20	0.0026
1-148-0-Q	GALLEY	2	20	0.0026
CUI=QL (Laundry)				
1-20-0-Q	LAUNDRY	3	19	0.0031
CUI=QO (Office Spaces)				
2-143-2-Q	ENGINEERING OFFICE	2	22	0.0004
1-72-2-Q	SUPPLY OFFICE	2	22	0.0004
1-99-1-Q	SHIPS OFFICE	2	22	0.0004
CUI=QS (Shops)				
2-140-1-Q	ENGINEERS WORKSHOP	3	19	0.0018
2-172-2-Q	ELECTRIC WORKSHOP	3	19	0.0018
02-78-1-Q	ELEC LAB AND STORAGE	3	19	0.0018
CUI=TH (Trunks/Hoists/Dumbwaiters)				
3-52-2-M	AMMO HOIST	3	18	0.0001
CUI=TU (Stacks/Engine Uptakes)				
1-108-0-Q	UPTAKE	2	23	0.0013
01-99-0-Q	UPTAKE AND FAN ROOM	2	23	0.0013

Table B.4 Fire Detection

Plan ID	Compartment Name	Detection Systems		% Time Monitored		Est. Min. to Detect.	
		Quantity	Type	at Sea	in Port	at Sea	in Port
CUI=AG (Gear Locker)							
3-12-0-Q	CHAIN LKR	None		50	40	6	8
2-52-02-A	CLEANING GEAR LKR	None		50	40	6	8
2-75-1-A	WARDROBE	None		50	40	6	8
2-78-0-A	HS STORES	None		50	40	6	8
2-78-2-A	REC LKR	None		50	40	6	8
2-180-2-A	REPAIR PARTY LKR	None		50	40	6	8
1-20-2-A	GENERAL STORES	None		50	40	6	8
1-52-1-A	SHIPS SERVICE STORE	None		50	40	6	8
1-57-1-A	FWD REPAIR LKR	None		50	40	6	8
1-72-0-A	REPAIR ANNEX	None		50	40	6	8
01-89-2-A	EQPT LKR	None		50	40	6	8
CUI=AR (Refrigerated Storage)							
2-156-0-A	THAW BOX	None		50	40	6	8
2-156-1-A	FREEZER BOX	None		50	40	6	8
2-164-2-A	CHILL BOX	None		50	40	6	8
CUI=AS (Storeroom)							
4-32-0-A	STOREROOM	1	SMO	50	40	6	8
4-143-0-A	ENGINEERS STOREROOM	1	SMO	50	40	6	8
2-16-0-A	BOSUN'S STORES	1	SMO	50	40	6	8
2-156-02-A	DRY PROVISIONS STOREROOM	1	SMO	50	40	6	8
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	1	SMO	50	40	6	8
1-1-0-A	GENERAL STORES	None		50	40	6	8
1-12-0-A	BOSUN'S STORES	None		50	40	6	8
1-159-1-A	DRY STORES	None		50	40	6	8
1-159-2-A	DRY PROVISIONS STORE	None		50	40	6	8
CUI=C (Ship Control/Communications)							
3-72-0-C	IC AND GYRO ROOM	1	SMO	70	70	2	2
2-136-0-C	CONTROL BOOTH	1	SMO	100	100	1	1
02-56-1-C	RADIO ROOM	2	SMO	80	80	1	1
02-56-2-C	CIC ROOM	1	SMO	70	70	2	2
03-62-0-C	PILOT HOUSE	1	SMO	100	100	1	1
CUI=EM (Main Propulsion - Mechanical)							
4-108-0-E	ENGINE ROOM	4	SMO	80	80	1	1
CUI=K (Hazardous Material Storage)							
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	1	TMP	70	70	2	2
CUI=L1 (Senior Officer's Cabin)							
2-72-1-L	ENGINEERING OFFICER SR	1	SMO	70	70	2	2
01-44-0-L	CO SR	1	SMO	70	70	2	2
01-44-1-L	CO CABIN	1	SMO	70	70	2	2
01-72-0-L	XO SR	1	SMO	70	70	2	2
01-72-01-L	OPS OFFICER SR	1	SMO	70	70	2	2
CUI=L2 (Officer/CPO Quarters)							
2-72-4-L	OFFICER SR	1	SMO	70	70	2	2
2-84-1-L	OFFICER SR	1	SMO	70	70	2	2
2-84-2-L	OFFICER SR	1	SMO	70	70	2	2
2-96-1-L	CPO STATEROOM	1	SMO	70	70	2	2

Table B.4 Fire Detection

Plan ID	Compartment Name	Detection Systems		% Time Monitored		Est. Min. to Detect.	
		Quantity	Type	at Sea	in Port	at Sea	in Port
2-96-2-L	CPO STATEROOM	1	SMO	70	70	2	2
01-59-0-L	OFFICER SR	1	SMO	70	70	2	2
CUI=L5 (Crews Berthing)							
2-32-01-L	CREW BERTHING	1	SMO	80	80	1	1
2-52-01-L	CREW BERTHING	2	SMO	80	80	1	1
1-32-0-L	CREW BERTHING	1	SMO	80	70	1	2
1-52-0-L	CREW BERTHING	1	SMO	80	70	1	2
CUI=LL (Wardroom/Mess/Lounge Areas)							
1-80-0-L	WARDROOM	1	SMO	70	70	2	2
1-93-0-L	CPO MESS	1	SMO	70	70	2	2
1-121-0-L	CREWS MESS	2	SMO	80	80	1	1
CUI=LM (Medical/Dental Spaces)							
1-114-0-L	DISPENSARY	1	SMO	60	50	4	6
CUI=LP (Passageway/Staircase/Vestibule)							
4-52-01-L	HANDLING PASSAGE	1	TMP	60	50	4	6
2-76-0A-L	PASSAGE	None		60	50	4	6
2-76-0B-L	PASSAGE	None		60	50	4	6
2-96-0-L	PASSAGE	None		60	50	4	6
2-140-0A-L	PASSAGE	None		60	50	4	6
2-140-0B-L	PASSAGE	None		60	50	4	6
2-143-2-L	STAIRWAY	None		60	50	4	6
2-156-01A-L	PASSAGE	None		70	70	2	2
2-156-01B-L	PASSAGE	None		70	70	2	2
2-156-01C-L	PASSAGE	None		70	70	2	2
2-172-0-L	PASSAGE	None		60	50	4	6
1-52-01A-L	PASSAGE	None		60	50	4	6
1-52-01B-L	PASSAGE	None		60	50	4	6
1-52-01C-L	PASSAGE	None		60	50	4	6
1-108-1-L	PASSAGE	None		60	50	4	6
1-143-2-L	STAIRWAY	None		60	50	4	6
01-69-0-L	PASSAGE	None		60	50	4	6
02-69-2-L	PASSAGE	None		60	50	4	6
02-69-4-L	VESTIBULE	None		60	50	4	6
CUI=LW (Sanitary Spaces)							
2-32-0-L	CREW WR, WC, SH	None		60	50	4	6
2-52-0-L	CREW WR, WC, SH	None		60	50	4	6
2-72-0-L	OFFICER WR, WC, SH	None		60	50	4	6
2-72-2-L	OFFICER WR, WC, SH	None		60	50	4	6
2-88-1-L	OFFICER WR, WC, SH	None		60	50	4	6
2-88-2-L	OFFICER WR, WC, SH	None		60	50	4	6
2-99-0-L	CPO WR, WC, SH	None		60	50	4	6
1-20-4-Q	DECON SHWR	None		60	50	4	6
1-52-2-L	CREW WR, WC, SH	None		60	50	4	6
01-44-2-L	CO WR, WC, SH	None		60	50	4	6
01-56-2-L	OFFICER WR, WC, SH	None		60	50	4	6
01-87-0-L	XO WR, WC, SH	None		60	50	4	6
01-87-1-L	OPS OFFICER WR, WC, SH	None		60	50	4	6
CUI=QA (Aux Machinery Spaces)							

Table B.4 Fire Detection

Plan ID	Compartment Name	Detection Systems		% Time Monitored		Est. Min. to Detect.	
		Quantity	Type	at Sea	in Port	at Sea	in Port
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	1	SMO	60	50	4	6
3-96-0-E	AUX MACHINERY ROOM	1	SMO	40	40	8	8
4-156-0-E	AUX MACHINERY SPACE	1	SMO	60	50	4	6
4-188-0-E	STEERING GEAR ROOM	1	SMO	60	50	4	6
01-92-0-Q	HELO SERVICE	1	SMO	70	70	2	2
CUI=QF (Fan Room)							
1-63-1-Q	FAN ROOM	None		50	40	6	8
1-63-2-Q	FAN ROOM	None		50	40	6	8
02-81-2-Q	FAN ROOM	None		50	40	6	8
02-90-0-Q	PLENUM ROOM	None		50	40	6	8
CUI=QG (Galley/Pantry/Scullery)							
1-114-2-Q	SCULLERY	1	SMO	70	70	2	2
1-148-0-Q	GALLEY	1	SMO	70	70	2	2
CUI=QL (Laundry)							
1-20-0-Q	LAUNDRY	1	SMO	70	70	2	2
CUI=QO (Office Spaces)							
2-143-2-Q	ENGINEERING OFFICE	1	SMO	70	70	2	2
1-72-2-Q	SUPPLY OFFICE	1	SMO	70	70	2	2
1-99-1-Q	SHIPS OFFICE	1	SMO	70	70	2	2
CUI=QS (Shops)							
2-140-1-Q	ENGINEERS WORKSHOP	1	SMO	60	60	4	4
2-172-2-Q	ELECTRIC WORKSHOP	None		60	60	4	4
02-78-1-Q	ELEC LAB AND STORAGE	1	SMO	60	60	4	4
CUI=TH (Trunks/Hoists/Dumbwaiters)							
3-52-2-M	AMMO HOIST	None		50	40	6	8
CUI=TU (Stacks/Engine Uptakes)							
1-108-0-Q	UPTAKE	None		50	40	6	8
01-99-0-Q	UPTAKE AND FAN ROOM	None		50	40	6	8

Table B.5 Automated and Manual Fire Protection Systems

Plan ID	Compartment Name	Automated Systems	Manual Firefighting Equipment		
			Portable Extinguishers	3 % AFFF	Fire Main
CUI=AG (Gear Locker)					
3-12-0-Q	CHAIN LKR				
2-52-02-A	CLEANING GEAR LKR				
2-75-1-A	WARDROBE				
2-78-0-A	HS STORES				
2-78-2-A	REC LKR				
2-180-2-A	REPAIR PARTY LKR		2 CO2		
			1 PKP		
1-20-2-A	GENERAL STORES				
1-52-1-A	SHIPS SERVICE STORE				
1-57-1-A	FWD REPAIR LKR		1 PKP		
1-72-0-A	REPAIR ANNEX		2 CO2		
01-89-2-A	EQPT LKR				
CUI=AR (Refrigerated Storage)					
2-156-0-A	THAW BOX				
2-156-1-A	FREEZER BOX				
2-164-2-A	CHILL BOX				
CUI=AS (Storeroom)					
4-32-0-A	STOREROOM				
4-143-0-A	ENGINEERS STOREROOM				
2-16-0-A	BOSUN'S STORES		1 PKP		
2-156-02-A	DRY PROVISIONS STOREROOM				
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE		2 CO2		
			1 PKP		
1-1-0-A	GENERAL STORES				
1-12-0-A	BOSUN'S STORES				
1-159-1-A	DRY STORES				
1-159-2-A	DRY PROVISIONS STORE				
CUI=C (Ship Control/Communications)					
3-72-0-C	IC AND GYRO ROOM				
2-136-0-C	CONTROL BOOTH		1 CO2		
			1 PKP		
02-56-1-C	RADIO ROOM		2 CO2		
02-56-2-C	CIC ROOM				
03-62-0-C	PILOT HOUSE				
CUI=EM (Main Propulsion - Mechanical)					
4-108-0-E	ENGINE ROOM	1 A3F			
			4 CO2		
			4 PKP		
					2 SW
CUI=K (Hazardous Material Storage)					
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	1 CO2			
			1 PKP		
CUI=L1 (Senior Officer's Cabin)					
2-72-1-L	ENGINEERING OFFICER SR				
01-44-0-L	CO SR				
01-44-1-L	CO CABIN				

Table B.5 Automated and Manual Fire Protection Systems

Plan ID	Compartment Name	Automated Systems	Manual Firefighting Equipment		
			Portable Extinguishers	3 % AFFF	Fire Main
01-72-0-L	XO SR				
01-72-01-L	OPS OFFICER SR				
CUI=L2 (Officer/CPO Quarters)					
2-72-4-L	OFFICER SR				
2-84-1-L	OFFICER SR				
2-84-2-L	OFFICER SR				
2-96-1-L	CPO STATEROOM				
2-96-2-L	CPO STATEROOM				
01-59-0-L	OFFICER SR				
CUI=L5 (Crews Berthing)					
2-32-01-L	CREW BERTHING				
2-52-01-L	CREW BERTHING		1 PKP		
					1 SW
1-32-0-L	CREW BERTHING				
1-52-0-L	CREW BERTHING				
CUI=LL (Wardroom/Mess/Lounge Areas)					
1-80-0-L	WARDROOM				
1-93-0-L	CPO MESS				
1-121-0-L	CREWS MESS				
CUI=LM (Medical/Dental Spaces)					
1-114-0-L	DISPENSARY				
CUI=LP (Passageway/Staircase/Vestibule)					
4-52-01-L	HANDLING PASSAGE	1 W			
			2 CO2		
2-76-0A-L	PASSAGE				
2-76-0B-L	PASSAGE				
2-96-0-L	PASSAGE				
2-140-0A-L	PASSAGE				
2-140-0B-L	PASSAGE				
2-143-2-L	STAIRWAY				
2-156-01A-L	PASSAGE				
2-156-01B-L	PASSAGE				
2-156-01C-L	PASSAGE				
2-172-0-L	PASSAGE		1 CO2		
			1 PKP		
1-52-01A-L	PASSAGE		1 CO2		
			4 PKP		
					1 SW
1-52-01B-L	PASSAGE				1 SW
1-52-01C-L	PASSAGE				1 SW
1-108-1-L	PASSAGE				
1-143-2-L	STAIRWAY				
01-69-0-L	PASSAGE				
02-69-2-L	PASSAGE				
02-69-4-L	VESTIBULE				
CUI=LW (Sanitary Spaces)					
2-32-0-L	CREW WR, WC, SH				

Table B.5 Automated and Manual Fire Protection Systems

Plan ID	Compartment Name	Automated Systems	Manual Firefighting Equipment		
			Portable Extinguishers	3 % AFFF	Fire Main
2-52-0-L	CREW WR, WC, SH				
2-72-0-L	OFFICER WR, WC, SH				
2-72-2-L	OFFICER WR, WC, SH				
2-88-1-L	OFFICER WR, WC, SH				
2-88-2-L	OFFICER WR, WC, SH				
2-99-0-L	CPO WR, WC, SH				
1-20-4-Q	DECON SHWR				
1-52-2-L	CREW WR, WC, SH				
01-44-2-L	CO WR, WC, SH				
01-56-2-L	OFFICER WR, WC, SH				
01-87-0-L	XO WR, WC, SH				
01-87-1-L	OPS OFFICER WR, WC, SH				
CUI=QA (Aux Machinery Spaces)					
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM				
3-96-0-E	AUX MACHINERY ROOM	1 A3F			
			2 PKP		
4-156-0-E	AUX MACHINERY SPACE				
4-188-0-E	STEERING GEAR ROOM	1 A3F			
01-92-0-Q	HELO SERVICE				
CUI=QF (Fan Room)					
1-63-1-Q	FAN ROOM				
1-63-2-Q	FAN ROOM				
02-81-2-Q	FAN ROOM				
02-90-0-Q	PLENUM ROOM				
CUI=QG (Galley/Pantry/Scullery)					
1-114-2-Q	SCULLERY				
1-148-0-Q	GALLEY				
CUI=QL (Laundry)					
1-20-0-Q	LAUNDRY		1 CO2		
			1 PKP		
					1 SW
CUI=QO (Office Spaces)					
2-143-2-Q	ENGINEERING OFFICE				
1-72-2-Q	SUPPLY OFFICE				
1-99-1-Q	SHIPS OFFICE				
CUI=QS (Shops)					
2-140-1-Q	ENGINEERS WORKSHOP				
2-172-2-Q	ELECTRIC WORKSHOP				
02-78-1-Q	ELEC LAB AND STORAGE				
CUI=TH (Trunks/Hoists/Dumbwaiters)					
3-52-2-M	AMMO HOIST				
CUI=TU (Stacks/Engine Uptakes)					
1-108-0-Q	UPTAKE				
01-99-0-Q	UPTAKE AND FAN ROOM				

Table B.6.1 Probability of Flame Termination: Passive and Automated Measures

Plan ID	Compartment Name	I Values			A Values		
		EB	TBAR	DBAR	EB	TBAR	DBAR
CUI=AG (Gear Locker) Frequency of EB=0.0010							
3-12-0-Q	CHAIN LKR	27	33	16	0	0	0
2-52-02-A	CLEANING GEAR LKR	27	33	16	0	0	0
2-75-1-A	WARDROBE	27	33	16	0	0	0
2-78-0-A	HS STORES	27	33	16	0	0	0
2-78-2-A	REC LKR	27	33	16	0	0	0
2-180-2-A	REPAIR PARTY LKR	27	33	16	0	0	0
1-20-2-A	GENERAL STORES	27	33	16	0	0	0
1-52-1-A	SHIPS SERVICE STORE	27	33	16	0	0	0
1-57-1-A	FWD REPAIR LKR	27	33	16	0	0	0
1-72-0-A	REPAIR ANNEX	27	33	16	0	0	0
01-89-2-A	EQPT LKR	27	33	16	0	0	0
CUI=AR (Refrigerated Storage) Frequency of EB=0.0009							
2-156-0-A	THAW BOX	49	58	39	0	0	0
2-156-1-A	FREEZER BOX	49	58	39	0	0	0
2-164-2-A	CHILL BOX	49	58	39	0	0	0
CUI=AS (Storeroom) Frequency of EB=0.0009							
4-32-0-A	STOREROOM	39	42	23	0	0	0
4-143-0-A	ENGINEERS STOREROOM	39	42	23	0	0	0
2-16-0-A	BOSUN'S STORES	39	42	23	0	0	0
2-156-02-A	DRY PROVISIONS STOREROOM	39	42	23	0	0	0
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	27	29	16	0	0	0
1-1-0-A	GENERAL STORES	39	42	23	0	0	0
1-12-0-A	BOSUN'S STORES	39	42	23	0	0	0
1-159-1-A	DRY STORES	39	42	23	0	0	0
1-159-2-A	DRY PROVISIONS STORE	39	42	23	0	0	0
CUI=C (Ship Control/Communications) Frequency of EB=0.0012							
3-72-0-C	IC AND GYRO ROOM	32	35	19	0	0	0
2-136-0-C	CONTROL BOOTH	32	35	19	0	0	0
02-56-1-C	RADIO ROOM	32	35	19	0	0	0
02-56-2-C	CIC ROOM	32	35	19	0	0	0
03-62-0-C	PILOT HOUSE	39	42	23	0	0	0
CUI=EM (Main Propulsion – Mechanical) Frequency of EB=0.0272							
4-108-0-E	ENGINE ROOM	43	47	25	15	15	7
CUI=K (Hazardous Material Storage) Frequency of EB=0.0013							
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	25	25	12	24	24	12
CUI=L1 (Senior Officer's Cabin) Frequency of EB=0.0008							
2-72-1-L	ENGINEERING OFFICER SR	55	66	27	0	0	0
01-44-0-L	CO SR	55	66	27	0	0	0
01-44-1-L	CO CABIN	55	66	27	0	0	0
01-72-0-L	XO SR	55	66	27	0	0	0
01-72-01-L	OPS OFFICER SR	55	66	27	0	0	0
CUI=L2 (Officer/CPO Quarters) Frequency of EB=0.0008							
2-72-4-L	OFFICER SR	46	50	27	0	0	0
2-84-1-L	OFFICER SR	46	50	27	0	0	0
2-84-2-L	OFFICER SR	46	50	27	0	0	0
2-96-1-L	CPO STATEROOM	55	60	33	0	0	0
2-96-2-L	CPO STATEROOM	55	60	33	0	0	0
01-59-0-L	OFFICER SR	46	50	27	0	0	0

Table B.6.1 Probability of Flame Termination: Passive and Automated Measures

Plan ID	Compartment Name	I Values			A Values		
		EB	TBAR	DBAR	EB	TBAR	DBAR
CUI=L5 (Crews Berthing) Frequency of EB=0.0008							
2-32-01-L	CREW BERTHING	39	39	23	0	0	0
2-52-01-L	CREW BERTHING	39	39	23	0	0	0
1-32-0-L	CREW BERTHING	39	39	23	0	0	0
1-52-0-L	CREW BERTHING	39	39	23	0	0	0
CUI=LL (Wardroom/Mess/Lounge Areas) Frequency of EB=0.0008							
1-80-0-L	WARDROOM	50	55	30	0	0	0
1-93-0-L	CPO MESS	39	42	23	0	0	0
1-121-0-L	CREWS MESS	59	64	35	0	0	0
CUI=LM (Medical/Dental Spaces) Frequency of EB=0.0004							
1-114-0-L	DISPENSARY	35	38	21	0	0	0
CUI=LP (Passageway/Staircase/Vestibule) Frequency of EB=0.0001							
4-52-01-L	HANDLING PASSAGE	84	84	75	32	32	16
2-76-0A-L	PASSAGE	84	84	75	0	0	0
2-76-0B-L	PASSAGE	84	84	75	0	0	0
2-96-0-L	PASSAGE	84	84	75	0	0	0
2-140-0A-L	PASSAGE	84	84	75	0	0	0
2-140-0B-L	PASSAGE	84	84	75	0	0	0
2-143-2-L	STAIRWAY	87	87	78	0	0	0
2-156-01A-L	PASSAGE	84	84	75	0	0	0
2-156-01B-L	PASSAGE	84	84	75	0	0	0
2-156-01C-L	PASSAGE	84	84	75	0	0	0
2-172-0-L	PASSAGE	84	84	75	0	0	0
1-52-01A-L	PASSAGE	84	84	75	0	0	0
1-52-01B-L	PASSAGE	84	84	75	0	0	0
1-52-01C-L	PASSAGE	84	84	75	0	0	0
1-108-1-L	PASSAGE	84	84	75	0	0	0
1-143-2-L	STAIRWAY	87	87	78	0	0	0
01-69-0-L	PASSAGE	84	84	75	0	0	0
02-69-2-L	PASSAGE	84	84	75	0	0	0
02-69-4-L	VESTIBULE	77	77	69	0	0	0
CUI=LW (Sanitary Spaces) Frequency of EB=0.0002							
2-32-0-L	CREW WR, WC, SH	88	88	70	0	0	0
2-52-0-L	CREW WR, WC, SH	88	88	70	0	0	0
2-72-0-L	OFFICER WR, WC, SH	88	88	70	0	0	0
2-72-2-L	OFFICER WR, WC, SH	88	88	70	0	0	0
2-88-1-L	OFFICER WR, WC, SH	88	88	70	0	0	0
2-88-2-L	OFFICER WR, WC, SH	88	88	70	0	0	0
2-99-0-L	CPO WR, WC, SH	88	88	70	0	0	0
1-20-4-Q	DECON SHWR	88	88	70	0	0	0
1-52-2-L	CREW WR, WC, SH	88	88	70	0	0	0
01-44-2-L	CO WR, WC, SH	88	88	70	0	0	0
01-56-2-L	OFFICER WR, WC, SH	88	88	70	0	0	0
01-87-0-L	XO WR, WC, SH	88	88	70	0	0	0
01-87-1-L	OPS OFFICER WR, WC, SH	88	88	70	0	0	0
CUI=QA (Aux Machinery Spaces) Frequency of EB=0.0029							
4-84-0-Q	A/C MACHINERY & SEWAGE DISPOSAL RM	49	49	34	0	0	0
3-96-0-E	AUX MACHINERY ROOM	43	43	30	6	6	3
4-156-0-E	AUX MACHINERY SPACE	43	43	30	13	13	6

Table B.6.1 Probability of Flame Termination: Passive and Automated Measures

Plan ID	Compartment Name	I Values			A Values		
		EB	TBAR	DBAR	EB	TBAR	DBAR
4-188-0-E	STEERING GEAR ROOM	73	73	51	17	17	8
01-92-0-Q	HELO SERVICE	73	73	51	0	0	0
CUI=QF (Fan Room) Frequency of EB=0.0004							
1-63-1-Q	FAN ROOM	66	52	39	0	0	0
1-63-2-Q	FAN ROOM	66	52	39	0	0	0
02-81-2-Q	FAN ROOM	66	52	39	0	0	0
02-90-0-Q	PLENUM ROOM	66	52	39	0	0	0
CUI=QG (Galley/Pantry/Scullery) Frequency of EB=0.0026							
1-114-2-Q	SCULLERY	58	58	34	0	0	0
1-148-0-Q	GALLEY	58	58	34	29	29	14
CUI=QL (Laundry) Frequency of EB=0.0031							
1-20-0-Q	LAUNDRY	32	40	24	0	0	0
CUI=QO (Office Spaces) Frequency of EB=0.0004							
2-143-2-Q	ENGINEERING OFFICE	42	50	25	0	0	0
1-72-2-Q	SUPPLY OFFICE	42	50	25	0	0	0
1-99-1-Q	SHIPS OFFICE	42	50	25	0	0	0
CUI=QS	(Shops) Frequency of EB=0.0018						
2-140-1-Q	ENGINEERS WORKSHOP	39	42	23	0	0	0
2-172-2-Q	ELECTRIC WORKSHOP	39	42	23	0	0	0
02-78-1-Q	ELEC LAB AND STORAGE	39	42	23	0	0	0
CUI=TH (Trunks/Hoists/Dumbwaiters) Frequency of EB=0.0001							
3-52-2-M	AMMO HOIST	95	100	57	0	0	0
CUI=TU (Stacks/Engine Uptakes) Frequency of EB=0.0013							
1-108-0-Q	UPTAKE	35	38	21	0	0	0
01-99-0-Q	UPTAKE AND FAN ROOM	35	38	21	0	0	0

Table B6.1.1 Detailed Spreadsheet for I-Values Calculations

Plan ID	CUI	Comp	IEBAR	ICBAR	IRBAR	IBAR	I|EB
3-12-0-Q	AG	CHAIN LOCKER	0.90	0.90	0.90	0.73	0.27
2-52-02-A	AG	CLEANING GEAR LOCKER	0.90	0.90	0.90	0.73	0.27
2-75-1-A	AG	WARDROBE	0.90	0.90	0.90	0.73	0.27
2-78-0-A	AG	HS STORES	0.90	0.90	0.90	0.73	0.27
2-78-2-A	AG	REC LKR	0.90	0.90	0.90	0.73	0.27
2-180-2-A	AG	REPAIR PARTY LOCKER	0.90	0.90	0.90	0.73	0.27
1-20-2-A	AS	GENERAL STORES	0.90	0.90	0.90	0.73	0.27
1-52-1-A	AG	SHIPS SERVICE STORE	0.90	0.90	0.90	0.73	0.27
1-57-1-A	AG	FWD REPAIR LOCKER	0.90	0.90	0.90	0.73	0.27
1-72-0-A	AG	REPAIR ANNEX	0.90	0.90	0.90	0.73	0.27
01-89-2-A	AG	EQPT LKR	0.90	0.90	0.90	0.73	0.27
2-156-0-A	AR	THAW BOX	0.75	0.80	0.85	0.51	0.49
2-156-1-A	AR	FREEZER BOX	0.75	0.80	0.85	0.51	0.49
2-164-2-A	AR	CHILL BOX	0.75	0.80	0.85	0.51	0.49
4-32-0-A	AS	STOREROOM	0.80	0.85	0.90	0.61	0.39
4-143-0-A	AS	ENGINEERS STOREROOM	0.80	0.85	0.90	0.61	0.39
2-16-0-A	AS	BOSUN'S STORES	0.80	0.85	0.90	0.61	0.39
2-156-02-A	AS	DRY PROVISIONS STORES	0.80	0.85	0.90	0.61	0.39
2-172-1-A	AS	HAWSER & RESCUE EQUIPMENT STORAGE	0.85	0.90	0.95	0.73	0.27
1-1-0-A	AS	GENERAL STORES	0.80	0.85	0.90	0.61	0.39
1-12-0-A	AS	BOSUN'S STORES	0.80	0.85	0.90	0.61	0.39
1-159-1-A	AS	DRY STORES	0.80	0.85	0.90	0.61	0.39
1-159-2-A	AS	DRY PROVISIONS STORES	0.80	0.85	0.90	0.61	0.39
3-72-0-C	C	IC AND GYRO ROOM	0.80	0.90	0.95	0.68	0.32
2-136-0-C	C	CONTROL BOOTH	0.80	0.90	0.95	0.68	0.32
02-56-1-C	C	RADIO ROOM	0.80	0.90	0.95	0.68	0.32
02-56-2-C	C	CIC ROOM	0.80	0.90	0.95	0.68	0.32
03-62-0-C	C	PILOT HOUSE	0.75	0.85	0.95	0.61	0.39
4-108-0-E	EM	ENGINE ROOM	0.70	0.85	0.95	0.57	0.43
4-16-0-K	K	FLAMMABLE LIQUIDS STOREROOM	0.80	0.95	0.99	0.75	0.25
01-44-0-L	L1	CO STATEROOM	0.70	0.80	0.80	0.45	0.55
01-44-1-L	L1	CO CABIN	0.70	0.80	0.80	0.45	0.55
01-72-0-L	L1	EXEC OFF STATEROOM	0.70	0.80	0.80	0.45	0.55
01-72-01-L	L1	OPS OFFICER STATEROOM	0.70	0.80	0.80	0.45	0.55
2-72-4-L	L2	OFFICER STATEROOM	0.70	0.85	0.90	0.54	0.46
2-84-1-L	L2	OFFICER STATEROOM	0.70	0.85	0.90	0.54	0.46
2-84-2-L	L2	OFFICER STATEROOM	0.70	0.85	0.90	0.54	0.46
2-96-1-L	L2	CPO STATEROOM	0.70	0.80	0.80	0.45	0.55
2-96-2-L	L2	CPO STATEROOM	0.70	0.80	0.80	0.45	0.55
01-59-0-L	L2	OFFICER STATEROOM	0.70	0.85	0.90	0.54	0.46
2-32-01-L	L5	CREWS BERTHING	0.75	0.85	0.95	0.61	0.39
2-52-01-L	L5	CREWS BERTHING	0.75	0.85	0.95	0.61	0.39
1-32-0-L	L5	CREWS BERTHING	0.75	0.85	0.95	0.61	0.39
1-52-0-L	L5	CREWS BERTHING	0.75	0.85	0.95	0.61	0.39
1-80-0-L	LL	WARDROOM	0.70	0.80	0.90	0.50	0.50
1-93-0-L	LL	CPO MESS	0.75	0.85	0.95	0.61	0.39
1-121-0-L	LL	CREWS MESS	0.65	0.75	0.85	0.41	0.59
1-114-0-L	LM	DISPENSARY	0.85	0.85	0.90	0.65	0.35
4-52-01-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-76-0A-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84

Table B6.1.1 Detailed Spreadsheet for I-Values Calculations

Plan ID	CUI	Comp	IEBAR	ICBAR	IRBAR	IBAR	I|EB
2-76-0B-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-96-0-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-140-0A-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-140-0B-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-143-2-L	LP	STAIRWAY	0.60	0.55	0.40	0.13	0.87
2-156-01A-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-156-01B-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-156-01C-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
2-172-0-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
1-52-01A-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
1-52-01B-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
1-52-01C-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
1-108-1-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
1-143-2-L	LP	STAIRWAY	0.60	0.55	0.40	0.13	0.87
01-69-0-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
02-69-2-L	LP	PASSAGEWAY	0.50	0.55	0.60	0.17	0.84
02-69-4-L	LP	VESTIBULE	0.60	0.60	0.65	0.23	0.77
2-32-0-L	LW	CREWS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-52-0-L	LW	CREWS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-72-0-L	LW	OFFICERS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-72-2-L	LW	OFFICERS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-88-1-L	LW	OFFICERS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-88-2-L	LW	OFFICERS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
2-99-0-L	LW	CPO SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
1-20-4-Q	LW	DECON SHWR	0.45	0.50	0.55	0.12	0.88
1-52-2-L	LW	CREWS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
01-44-2-L	LW	CO SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
01-56-2-L	LW	OFFICERS SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
01-87-0-L	LW	XO SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
01-87-1-L	LW	OPS OFFICER SANITARY SPACE	0.45	0.50	0.55	0.12	0.88
4-84-0-Q	QA	A/C MACHINERY AND SEWAGE DISPOSAL RM	0.75	0.80	0.85	0.51	0.49
3-96-0-E	QA	AUX MACHINERY SPACE	0.70	0.90	0.90	0.57	0.43
4-156-0-E	QA	AUX MACHINERY SPACE	0.70	0.90	0.90	0.57	0.43
4-188-0-E	QA	STEERING GEAR ROOM	0.60	0.65	0.70	0.27	0.73
01-92-0-Q	QA	HELO SERVICE	0.60	0.65	0.70	0.27	0.73
1-63-1-Q	QF	FAN ROOM	0.65	0.70	0.75	0.34	0.66
1-63-2-Q	QF	FAN ROOM	0.65	0.70	0.75	0.34	0.66
02-81-2-Q	QF	FAN ROOM	0.65	0.70	0.75	0.34	0.66
02-90-0-Q	QF	PLENUM ROOM	0.65	0.70	0.75	0.34	0.66
1-114-2-Q	QG	SCULLERY	0.70	0.75	0.80	0.42	0.58
1-146-0-Q	QG	GALLEY	0.70	0.75	0.80	0.42	0.58
1-20-0-Q	QL	LAUNDRY	0.80	0.90	0.95	0.68	0.32
2-143-2-Q	QO	ENGINEERING OFFICE	0.80	0.85	0.85	0.58	0.42
1-72-2-Q	QO	SUPPLY OFFICE	0.80	0.85	0.85	0.58	0.42
1-99-1-Q	QO	SHIPS OFFICE	0.80	0.85	0.85	0.58	0.42
2-140-1-Q	QS	ENGINEERS WORKSHOP	0.80	0.85	0.90	0.61	0.39
2-172-2-Q	QS	ELECTRIC WORKSHOP	0.80	0.85	0.90	0.61	0.39
02-78-1-Q	QS	ELEC LAB AND STORAGE	0.80	0.85	0.90	0.61	0.39
3-52-2-M	TH	AMMO HOIST	0.60	0.40	0.20	0.05	0.95
1-108-0-Q	TU	UPTAKE	0.85	0.80	0.95	0.65	0.35

Table B6.1.1 Detailed Spreadsheet for I-Values Calculations

Plan ID	CUI	Comp	IEBAR	ICBAR	IRBAR	IBAR	I|EB
01-99-0-Q	TU	UPTAKE AND FAN ROOM	0.85	0.80	0.95	0.65	0.35

Table B.6.1.2 Detailed Spreadsheet for A-Values Calculations

Plan ID	CUI	Comp	FRI	Class	Size	dan	nan	san	An	fap	vap	pap	Ap	saa	aaa	daa	Aa	qae	cae	bae	Ae	A|EB
4-108-0-E	EM	ENGINE ROOM	3	B	L	0.8	0.8	0.95	0.608	0.8	0.8	0.8	0.512	0.85	1	0.8	0.68	0.9	1	0.8	0.72	0.152
4-16-0-K	K	FLAMMABLE LIQUIDS STOREROOM	2	B	L	0.7	0.7	0.95	0.465	1	0.8	0.9	0.72	0.95	1	1	0.95	1	0.9	0.85	0.765	0.243
3-96-0-E	QA	AUX MACHINERY SPACE	2	B	M	0.4	0.4	0.95	0.152	1	0.9	0.85	0.765	0.85	1	0.8	0.68	0.9	1	0.8	0.72	0.056
4-156-0-E	QA	AUX MACHINERY SPACE	2	B	L	0.6	0.9	0.95	0.513	0.7	0.9	0.85	0.535	0.85	1	0.8	0.68	0.9	1	0.8	0.72	0.134
4-188-0-E	QA	STEERING GEAR ROOM	2	B	M	0.6	0.9	0.95	0.513	0.9	0.9	0.85	0.688	0.85	1	0.8	0.68	0.9	1	0.8	0.72	0.172
1-146-0-Q	QG	GALLEY	2	B	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.9	1	1	0.9	1	1	0.9	0.9	0.288

An=dan*nan*san where dan=detection of fire, nan=notification of Bridge, and san=sound the alarm
Ap=fap*vap*cap where fap=secure the fuel supply, vap=secure the ventilation, and cap=secure the electrical power
Aa=saa*aaa*daa where saa=alignment of automated system, aaa=agent discharges from nozzle, and daa=agent discharges on the fire
Ae=qae*cae*bae where qae=quantity of agent is adequate, cae=concentration of agent is adequate, and bae=blackout occurs
A|EB=An*Ap*Aa*Ae where An=Notification, Ap=Preparation, Aa=Agent Application, and Ae=Fire Extinguishment

Installed Automated Systems:
Fixed CO2 Total Flooding System in the Flammable Liquids Storeroom, Aqueous Potassium Carbonate System in the Galley,
And AFFF Bilge Sprinkling in the Engine Room, Auxiliary Machinery Spaces and Steering Gear Room.

Notes:
The Galley is occupied 30% of the time, however, it is assumed that if a grease fire occurs on the Galley stove, it is assumed that a crew member is present in the Galley.
The probability of the Galley's automated system successfully extinguishing the fire is based on grease fires on the stove only.

Table B.6.2 Probability of Flame Termination: Manual Measures (In Port)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
CUI=AG	(Gear Locker) Frequency of EB=0.0010			
3-12-0-Q	CHAIN LKR	19	22	11
2-52-02-A	CLEANING GEAR LKR	26	31	15
2-75-1-A	WARDROBE	24	28	14
2-78-0-A	HS STORES	16	19	9
2-78-2-A	REC LKR	21	25	12
2-180-2-A	REPAIR PARTY LKR	17	20	10
1-20-2-A	GENERAL STORES	20	24	12
1-52-1-A	SHIPS SERVICE STORE	24	28	14
1-57-1-A	FWD REPAIR LKR	24	28	14
1-72-0-A	REPAIR ANNEX	2	2	1
01-89-2-A	EQPT LKR	26	31	15
CUI=AR	(Refrigerated Storage) Frequency of EB=0.0009			
2-156-0-A	THAW BOX	11	13	8
2-156-1-A	FREEZER BOX	11	13	8
2-164-2-A	CHILL BOX	11	13	8
CUI=AS	(Storeroom) Frequency of EB=0.0009			
4-32-0-A	STOREROOM	26	52	26
4-143-0-A	ENGINEERS STOREROOM	9	18	9
2-16-0-A	BOSUN'S STORES	27	54	27
2-156-02-A	DRY PROVISIONS STOREROOM	20	40	20
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	7	14	7
1-1-0-A	GENERAL STORES	20	40	20
1-12-0-A	BOSUN'S STORES	20	40	20
1-159-1-A	DRY STORES	20	40	20
1-159-2-A	DRY PROVISIONS STORE	20	40	20
CUI=C	(Ship Control/Communications) Frequency of EB=0.0012			
3-72-0-C	IC AND GYRO ROOM	28	30	16
2-136-0-C	CONTROL BOOTH	42	46	25
02-56-1-C	RADIO ROOM	18	19	10
02-56-2-C	CIC ROOM	15	16	9
03-62-0-C	PILOT HOUSE	40	44	24
CUI=EM	(Main Propulsion - Mechanical) Frequency of EB=0.0272			
4-108-0-E	ENGINE ROOM	7	8	4
CUI=K	(Hazardous Material Storage) Frequency of EB=0.0013			
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	6	6	3
CUI=L1	(Senior Officer's Cabin) Frequency of EB=0.0008			
2-72-1-L	ENGINEERING OFFICER SR	27	35	16
01-44-0-L	CO SR	27	35	16
01-44-1-L	CO CABIN	27	35	16
01-72-0-L	XO SR	27	35	16
01-72-01-L	OPS OFFICER SR	27	35	16
CUI=L2	(Officer/CPO Quarters) Frequency of EB=0.0008			
2-72-4-L	OFFICER SR	27	43	18
2-84-1-L	OFFICER SR	27	43	18
2-84-2-L	OFFICER SR	26	41	18
2-96-1-L	CPO STATEROOM	27	43	18
2-96-2-L	CPO STATEROOM	27	43	18
01-59-0-L	OFFICER SR	27	43	18

Table B.6.2 Probability of Flame Termination: Manual Measures (In Port)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
CUI=L5	(Crews Berthing) Frequency of EB=0.0008			
2-32-01-L	CREW BERTHING	35	70	31
2-52-01-L	CREW BERTHING	35	70	31
1-32-0-L	CREW BERTHING	27	54	24
1-52-0-L	CREW BERTHING	27	54	24
CUI=LL	(Wardroom/Mess/Lounge Areas) Frequency of EB=0.0008			
1-80-0-L	WARDROOM	26	32	15
1-93-0-L	CPO MESS	26	32	15
1-121-0-L	CREWS MESS	33	41	19
CUI=LM	(Medical/Dental Spaces) Frequency of EB=0.0004			
1-114-0-L	DISPENSARY	21	26	12
CUI=LP	(Passageway/Staircase/Vestibule) Frequency of EB=0.0001			
4-52-01-L	HANDLING PASSAGE	33	36	29
2-76-0A-L	PASSAGE	33	36	29
2-76-0B-L	PASSAGE	33	36	29
2-96-0-L	PASSAGE	33	36	29
2-140-0A-L	PASSAGE	33	36	29
2-140-0B-L	PASSAGE	33	36	29
2-143-2-L	STAIRWAY	33	36	29
2-156-01A-L	PASSAGE	36	39	32
2-156-01B-L	PASSAGE	36	39	32
2-156-01C-L	PASSAGE	36	39	32
2-172-0-L	PASSAGE	33	36	29
1-52-01A-L	PASSAGE	33	36	29
1-52-01B-L	PASSAGE	33	36	29
1-52-01C-L	PASSAGE	33	36	29
1-108-1-L	PASSAGE	33	36	29
1-143-2-L	STAIRWAY	33	36	29
01-69-0-L	PASSAGE	33	36	29
02-69-2-L	PASSAGE	33	36	29
02-69-4-L	VESTIBULE	33	36	29
CUI=LW	(Sanitary Spaces) Frequency of EB=0.0002			
2-32-0-L	CREW WR, WC, SH	33	36	29
2-52-0-L	CREW WR, WC, SH	33	36	29
2-72-0-L	OFFICER WR, WC, SH	33	36	29
2-72-2-L	OFFICER WR, WC, SH	33	36	29
2-88-1-L	OFFICER WR, WC, SH	33	36	29
2-88-2-L	OFFICER WR, WC, SH	33	36	29
2-99-0-L	CPO WR, WC, SH	33	36	29
1-20-4-Q	DECON SHWR	33	36	29
1-52-2-L	CREW WR, WC, SH	33	36	29
01-44-2-L	CO WR, WC, SH	33	36	29
01-56-2-L	OFFICER WR, WC, SH	33	36	29
01-87-0-L	XO WR, WC, SH	33	36	29
01-87-1-L	OPS OFFICER WR, WC, SH	33	36	29
CUI=QA	(Aux Machinery Spaces) Frequency of EB=0.0029			
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	6	6	4
3-96-0-E	AUX MACHINERY ROOM	2	2	1
4-156-0-E	AUX MACHINERY SPACE	4	4	3

Table B.6.2 Probability of Flame Termination: Manual Measures (In Port)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
4-188-0-E	STEERING GEAR ROOM	4	4	3
01-92-0-Q	HELO SERVICE	6	6	4
CUI=QF	(Fan Room) Frequency of EB=0.0004			
1-63-1-Q	FAN ROOM	2	5	1
1-63-2-Q	FAN ROOM	2	5	1
02-81-2-Q	FAN ROOM	5	12	3
02-90-0-Q	PLENUM ROOM	5	12	3
CUI=QG	(Galley/Pantry/Scullery) Frequency of EB=0.0026			
1-114-2-Q	SCULLERY	10	14	8
1-148-0-Q	GALLEY	6	8	4
CUI=QL	(Laundry) Frequency of EB=0.0031			
1-20-0-Q	LAUNDRY	9	13	5
CUI=QO	(Office Spaces) Frequency of EB=0.0004			
2-143-2-Q	ENGINEERING OFFICE	26	32	15
1-72-2-Q	SUPPLY OFFICE	23	28	13
1-99-1-Q	SHIPS OFFICE	12	15	7
CUI=QS	(Shops) Frequency of EB=0.0018			
2-140-1-Q	ENGINEERS WORKSHOP	21	25	12
2-172-2-Q	ELECTRIC WORKSHOP	21	25	12
02-78-1-Q	ELEC LAB AND STORAGE	17	20	10
CUI=TH	(Trunks/Hoists/Dumbwaiters) Frequency of EB=0.0001			
3-52-2-M	AMMO HOIST	7	8	4
CUI=TU	(Stacks/Engine Uptakes) Frequency of EB=0.0013			
1-108-0-Q	UPTAKE	3	3	1
01-99-0-Q	UPTAKE AND FAN ROOM	5	6	3

Table B.6.2.1 Detailed Spreadsheet for M-Values In Port Calculations

Plan ID	CUI	Comp	Act FRI	Class	Size	dmn	nmn	smn	Mn	fmp	vmp	pmp	Mp	sma	ama	dma	Ma	qme	cme	bme	Me	M|EB
3-12-0-Q	AG	CHAIN LOCKER	15	A	S	0.4	0.9	0.95	0.342	1	0.8	0.9	0.72	1	1	0.8	0.8	1	1	0.95	0.95	0.18
2-52-02-A	AG	CLEANING GEAR LOCKER	31	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.26
2-75-1-A	AG	WARDROBE	∞	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.23
2-78-0-A	AG	HS STORES	∞	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	0.8	0.72	1	1	0.8	0.8	0.15
2-78-2-A	AG	REC LKR	11	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	0.9	0.81	1	1	0.95	0.95	0.21
2-180-2-A	AG	REPAIR PARTY LOCKER	4	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.7	0.9	1	0.63	1	1	0.95	0.95	0.16
1-20-2-A	AG	GENERAL STORES	16	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
1-52-1-A	AG	SHIPS SERVICE STORE	∞	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.23
1-57-1-A	AG	FWD REPAIR LOCKER	14	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.23
1-72-0-A	AG	REPAIR ANNEX	1	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.1	0.9	0.9	0.081	1	1	0.95	0.95	0.02
01-89-2-A	AG	EQPT LKR	∞	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.26
2-156-0-A	AR	THAW BOX	4	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.11
2-156-1-A	AR	FREEZER BOX	4	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.11
2-164-2-A	AR	CHILL BOX	4	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.11
4-32-0-A	AS	STOREROOM	8	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	0.95	0.9	1	0.855	1	1	0.8	0.8	0.25
4-143-0-A	AS	ENGINEERS STOREROOM	12	A	M	0.4	0.4	0.95	0.152	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.08
2-16-0-A	AS	BOSUN'S STORES	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-156-02-A	AS	DRY PROVISIONS STORES	29	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
2-172-1-A	AS	HAWSER & RESCUE EQUIPMENT STORAGE	2	A	M	0.6	0.6	0.95	0.342	1	0.9	0.9	0.81	0.3	1	1	0.3	1	1	0.8	0.8	0.06
1-1-0-A	AS	GENERAL STORES	18	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
1-12-0-A	AS	BOSUN'S STORES	∞	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
1-159-1-A	AS	DRY STORES	∞	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
1-159-2-A	AS	DRY PROVISIONS STORES	22	A	M	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.19
3-72-0-C	C	IC AND GYRO ROOM	7	C	M	0.7	0.9	0.95	0.598	1	0.9	0.85	0.765	0.95	1	1	0.95	0.9	0.9	0.8	0.648	0.28
2-136-0-C	C	CONTROL BOOTH	5	C	M	1	1	0.95	0.95	1	0.9	0.85	0.765	0.9	1	1	0.9	0.9	0.9	0.8	0.648	0.42
02-56-1-C	C	RADIO ROOM	8	C	M	0.8	0.8	0.95	0.608	1	0.9	0.85	0.765	0.95	0.8	0.8	0.608	0.9	0.9	0.8	0.648	0.18
02-56-2-C	C	CIC ROOM	7	C	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.95	0.8	0.85	0.646	0.9	0.9	0.8	0.648	0.14
03-62-0-C	C	PILOT HOUSE	9	C	M	1	1	1	1	1	0.9	0.85	0.765	0.95	1	0.85	0.807	0.9	0.9	0.8	0.648	0.40
4-108-0-E	EM	ENGINE ROOM	3	B	L	0.8	0.8	0.95	0.608	0.8	0.8	0.8	0.512	0.5	1	0.8	0.4	0.95	0.95	0.65	0.586	0.07
4-16-0-K	K	FLAMMABLE LIQUIDS STOREROOM	2	B	L	0.7	0.7	0.95	0.465	1	0.8	0.9	0.72	0.3	1	1	0.3	0.95	0.95	0.65	0.586	0.05
2-72-1-L	L1	ENGINEERING OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-44-0-L	L1	CO STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-44-1-L	L1	CO CABIN	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-72-0-L	L1	EXEC OFF STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-72-01-L	L1	OPS OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-72-4-L	L2	OFFICER STATEROOM	31	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27

Table B.6.2.1 Detailed Spreadsheet for M-Values In Port Calculations

Plan ID	CUI	Comp	Act FRI	Class	Size	dmn	nmn	smn	Mn	fmp	vmp	pmp	Mp	sma	ama	dma	Ma	qme	cme	bme	Me	M|EB
2-84-1-L	L2	OFFICER STATEROOM	26	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-84-2-L	L2	OFFICER STATEROOM	26	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	0.95	0.9	1	0.855	1	1	0.8	0.8	0.25
2-96-1-L	L2	CPO STATEROOM	25	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-96-2-L	L2	CPO STATEROOM	24	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-59-0-L	L2	OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-32-01-L	L5	CREWS BERTHING	∞	A	M	0.8	0.8	0.95	0.608	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.35
2-52-01-L	L5	CREWS BERTHING	∞	A	M	0.8	0.8	0.95	0.608	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.35
1-32-0-L	L5	CREWS BERTHING	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.27
1-52-0-L	L5	CREWS BERTHING	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.27
1-80-0-L	LL	WARDROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.25
1-93-0-L	LL	CPO MESS	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.25
1-121-0-L	LL	CREWS MESS	∞	A	M	0.8	0.8	0.95	0.608	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.33
1-114-0-L	LM	DISPENSARY	∞	A	M	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.21
4-52-01-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-76-0A-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-76-0B-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-96-0-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-140-0A-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-140-0B-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-143-2-L	LP	STAIRWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-156-01A-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-156-01B-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-156-01C-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-172-0-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-52-01A-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-52-01B-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-52-01C-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-108-1-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-143-2-L	LP	STAIRWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
01-69-0-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
02-69-2-L	LP	PASSAGEWAY	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
02-69-4-L	LP	VESTIBULE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-32-0-L	LW	CREWS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-52-0-L	LW	CREWS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-72-0-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-72-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-88-1-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-88-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-99-0-L	LW	CPO SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32

Table B.6.2.1 Detailed Spreadsheet for M-Values In Port Calculations

Plan ID	CUI	Comp	Act FRI	Class	Size	dmn	nmn	smn	Mn	fmp	vmp	pmp	Mp	sma	ama	dma	Ma	qme	cme	bme	Me	M|EB
1-20-4-Q	LW	DECON SHWR	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
1-52-2-L	LW	CREWS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
01-44-2-L	LW	CO SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
01-56-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
01-87-0-L	LW	XO SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
01-87-1-L	LW	OPS OFFICER SANITARY SPACE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
4-84-0-Q	QA	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	2	C	M	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.05
3-96-0-E	QA	AUX MACHINERY SPACE	2	C	M	0.4	0.4	0.95	0.152	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.02
4-156-0-E	QA	AUX MACHINERY SPACE	2	B	M	0.5	0.9	0.95	0.427	0.7	0.9	0.85	0.535	0.3	1	0.9	0.27	0.85	0.85	0.8	0.578	0.03
4-188-0-E	QA	STEERING GEAR ROOM	2	B	M	0.5	0.9	0.95	0.427	0.9	0.9	0.85	0.688	0.3	1	0.8	0.24	0.85	0.85	0.8	0.578	0.04
01-92-0-Q	QA	HELO SERVICE	2	C	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.06
1-63-1-Q	QF	FAN ROOM	1	C	S	0.4	0.9	0.95	0.342	1	0.9	0.85	0.765	0.1	1	0.9	0.09	0.9	0.9	0.95	0.769	0.01
1-63-2-Q	QF	FAN ROOM	1	C	S	0.4	0.9	0.95	0.342	1	0.9	0.85	0.765	0.1	1	0.9	0.09	0.9	0.9	0.95	0.769	0.01
02-81-2-Q	QF	FAN ROOM	2	C	S	0.4	0.9	0.95	0.342	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.95	0.769	0.05
02-90-0-Q	QF	PLENUM ROOM	2	C	S	0.4	0.9	0.95	0.342	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.95	0.769	0.05
1-114-2-Q	QG	SCULLERY	2	A	S	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	1	1	0.3	1	1	0.95	0.95	0.10
1-146-0-Q	QG	GALLEY	2	B	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	0.9	1	0.27	0.85	0.85	0.8	0.578	0.05
1-20-0-Q	QL	LAUNDRY	3	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	1	1	0.3	1	1	0.8	0.8	0.08
2-143-2-Q	QO	ENGINEERING OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	0.9	1	0.9	1	1	0.8	0.8	0.25
1-72-2-Q	QO	SUPPLY OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.23
1-99-1-Q	QO	SHIPS OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.5	0.9	0.9	0.405	1	1	0.8	0.8	0.11
2-140-1-Q	QS	ENGINEERS WORKSHOP	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.21
2-172-2-Q	QS	ELECTRIC WORKSHOP	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.21
02-78-1-Q	QS	ELEC LAB AND STORAGE	∞	A	M	0.6	0.6	0.95	0.342	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.16
3-52-2-M	TH	AMMO HOIST	2	A	S	0.4	0.9	0.95	0.342	1	0.9	0.9	0.81	0.3	1	0.9	0.27	1	1	0.95	0.95	0.07
1-108-0-Q	TU	UPTAKE	2	B	L	0.4	0.9	0.95	0.342	1	0.8	0.9	0.72	0.3	1	0.9	0.27	0.85	0.85	0.65	0.469	0.03
01-99-0-Q	TU	UPTAKE AND FAN ROOM	3	B	L	0.4	0.9	0.95	0.342	1	0.8	0.9	0.72	0.5	1	0.9	0.45	0.85	0.85	0.65	0.469	0.05

Table B.6.3 Probability of Flame Termination: Manual Measures (At Sea)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
CUI=AG	(Gear Locker) Frequency of EB=0.0010			
3-12-0-Q	CHAIN LKR	19	22	11
2-52-02-A	CLEANING GEAR LKR	33	39	19
2-75-1-A	WARDROBE	30	36	18
2-78-0-A	HS STORES	30	36	18
2-78-2-A	REC LKR	30	36	18
2-180-2-A	REPAIR PARTY LKR	21	25	12
1-20-2-A	GENERAL STORES	25	30	15
1-52-1-A	SHIPS SERVICE STORE	30	36	18
1-57-1-A	FWD REPAIR LKR	30	36	18
1-72-0-A	REPAIR ANNEX	30	36	18
01-89-2-A	EQPT LKR	33	39	19
CUI=AR	(Refrigerated Storage) Frequency of EB=0.0009			
2-156-0-A	THAW BOX	14	16	11
2-156-1-A	FREEZER BOX	14	16	11
2-164-2-A	CHILL BOX	14	16	11
CUI=AS	(Storeroom) Frequency of EB=0.0009			
4-32-0-A	STOREROOM	26	52	26
4-143-0-A	ENGINEERS STOREROOM	9	18	9
2-16-0-A	BOSUN'S STORES	27	54	27
2-156-02-A	DRY PROVISIONS STOREROOM	25	50	25
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	7	14	7
1-1-0-A	GENERAL STORES	25	50	25
1-12-0-A	BOSUN'S STORES	25	50	25
1-159-1-A	DRY STORES	25	50	25
1-159-2-A	DRY PROVISIONS STORE	25	50	25
CUI=C	(Ship Control/Communications) Frequency of EB=0.0012			
3-72-0-C	IC AND GYRO ROOM	28	30	16
2-136-0-C	CONTROL BOOTH	42	46	25
02-56-1-C	RADIO ROOM	18	19	10
02-56-2-C	CIC ROOM	15	16	9
03-62-0-C	PILOT HOUSE	40	44	24
CUI=EM	(Main Propulsion - Mechanical) Frequency of EB=0.0272			
4-108-0-E	ENGINE ROOM	7	8	4
CUI=K	(Hazardous Material Storage) Frequency of EB=0.0013			
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	6	6	3
CUI=L1	(Senior Officer's Cabin) Frequency of EB=0.0008			
2-72-1-L	ENGINEERING OFFICER SR	27	35	16
01-44-0-L	CO SR	27	35	16
01-44-1-L	CO CABIN	27	35	16
01-72-0-L	XO SR	27	35	16
01-72-01-L	OPS OFFICER SR	27	35	16
CUI=L2	(Officer/CPO Quarters) Frequency of EB=0.0008			
2-72-4-L	OFFICER SR	27	43	18
2-84-1-L	OFFICER SR	27	43	18
2-84-2-L	OFFICER SR	27	43	18
2-96-1-L	CPO STATEROOM	27	43	18
2-96-2-L	CPO STATEROOM	27	43	18
01-59-0-L	OFFICER SR	27	43	18

Table B.6.3 Probability of Flame Termination: Manual Measures (At Sea)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
CUI=L5	(Crews Berthing) Frequency of EB=0.0008			
2-32-01-L	CREW BERTHING	35	70	31
2-52-01-L	CREW BERTHING	35	70	31
1-32-0-L	CREW BERTHING	27	54	24
1-52-0-L	CREW BERTHING	27	54	24
CUI=LL	(Wardroom/Mess/Lounge Areas) Frequency of EB=0.0008			
1-80-0-L	WARDROOM	26	32	15
1-93-0-L	CPO MESS	26	32	15
1-121-0-L	CREWS MESS	33	41	19
CUI=LM	(Medical/Dental Spaces) Frequency of EB=0.0004			
1-114-0-L	DISPENSARY	25	31	15
CUI=LP	(Passageway/Staircase/Vestibule) Frequency of EB=0.0001			
4-52-01-L	HANDLING PASSAGE	39	42	35
2-76-0A-L	PASSAGE	39	42	35
2-76-0B-L	PASSAGE	39	42	35
2-96-0-L	PASSAGE	39	42	35
2-140-0A-L	PASSAGE	39	42	35
2-140-0B-L	PASSAGE	39	42	35
2-143-2-L	STAIRWAY	39	42	35
2-156-01A-L	PASSAGE	36	39	32
2-156-01B-L	PASSAGE	36	39	32
2-156-01C-L	PASSAGE	36	39	32
2-172-0-L	PASSAGE	39	42	35
1-52-01A-L	PASSAGE	39	42	35
1-52-01B-L	PASSAGE	39	42	35
1-52-01C-L	PASSAGE	39	42	35
1-108-1-L	PASSAGE	39	42	35
1-143-2-L	STAIRWAY	39	42	35
01-69-0-L	PASSAGE	39	42	35
02-69-2-L	PASSAGE	39	42	35
02-69-4-L	VESTIBULE	39	42	35
CUI=LW	(Sanitary Spaces) Frequency of EB=0.0002			
2-32-0-L	CREW WR, WC, SH	39	42	35
2-52-0-L	CREW WR, WC, SH	39	42	35
2-72-0-L	OFFICER WR, WC, SH	39	42	35
2-72-2-L	OFFICER WR, WC, SH	39	42	35
2-88-1-L	OFFICER WR, WC, SH	39	42	35
2-88-2-L	OFFICER WR, WC, SH	39	42	35
2-99-0-L	CPO WR, WC, SH	39	42	35
1-20-4-Q	DECON SHWR	39	42	35
1-52-2-L	CREW WR, WC, SH	39	42	35
01-44-2-L	CO WR, WC, SH	39	42	35
01-56-2-L	OFFICER WR, WC, SH	39	42	35
01-87-0-L	XO WR, WC, SH	39	42	35
01-87-1-L	OPS OFFICER WR, WC, SH	39	42	35
CUI=QA	(Aux Machinery Spaces) Frequency of EB=0.0029			
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	7	7	5
3-96-0-E	AUX MACHINERY ROOM	2	2	1
4-156-0-E	AUX MACHINERY SPACE	4	4	3

Table B.6.3 Probability of Flame Termination: Manual Measures (At Sea)

Plan ID	Compartment Name	M Values		
		EB	TBAR	DBAR
4-188-0-E	STEERING GEAR ROOM	5	5	3
01-92-0-Q	HELO SERVICE	6	6	4
CUI=QF	(Fan Room) Frequency of EB=0.0004			
1-63-1-Q	FAN ROOM	2	5	1
1-63-2-Q	FAN ROOM	2	5	1
02-81-2-Q	FAN ROOM	7	17	5
02-90-0-Q	PLENUM ROOM	7	17	5
CUI=QG	(Galley/Pantry/Scullery) Frequency of EB=0.0026			
1-114-2-Q	SCULLERY	10	14	8
1-148-0-Q	GALLEY	6	8	4
CUI=QL	(Laundry) Frequency of EB=0.0031			
1-20-0-Q	LAUNDRY	14	21	8
CUI=QO	(Office Spaces) Frequency of EB=0.0004			
2-143-2-Q	ENGINEERING OFFICE	26	32	15
1-72-2-Q	SUPPLY OFFICE	23	28	13
1-99-1-Q	SHIPS OFFICE	23	28	13
CUI=QS	(Shops) Frequency of EB=0.0018			
2-140-1-Q	ENGINEERS WORKSHOP	25	30	15
2-172-2-Q	ELECTRIC WORKSHOP	25	30	15
02-78-1-Q	ELEC LAB AND STORAGE	17	20	10
CUI=TH	(Trunks/Hoists/Dumbwaiters) Frequency of EB=0.0001			
3-52-2-M	AMMO HOIST	9	10	5
CUI=TU	(Stacks/Engine Uptakes) Frequency of EB=0.0013			
1-108-0-Q	UPTAKE	4	5	2
01-99-0-Q	UPTAKE AND FAN ROOM	7	9	4

Table B.6.3.1 Detailed Spreadsheet for M-Values At Sea Calculations

Plan ID	CUI	Comp	Act FRI	Class	Size	dmn	nmn	smn	Mn	fmp	vmp	pmp	Mp	sma	ama	dma	Ma	qme	cme	bme	Me	M|EB
3-12-0-Q	AG	CHAIN LOCKER	15	A	S	0.4	0.9	0.95	0.342	1	0.8	0.9	0.72	1	1	0.8	0.8	1	1	0.95	0.95	0.18
2-52-02-A	AG	CLEANING GEAR LOCKER	31	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.38
2-75-1-A	AG	WARDROBE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
2-78-0-A	AG	HS STORES	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
2-78-2-A	AG	REC LKR	11	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
2-180-2-A	AG	REPAIR PARTY LOCKER	4	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	0.7	0.9	1	0.63	1	1	0.95	0.95	0.20
1-20-2-A	AS	GENERAL STORES	16	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.29
1-52-1-A	AG	SHIPS SERVICE STORE	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
1-57-1-A	AG	FWD REPAIR LOCKER	14	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
1-72-0-A	AG	REPAIR ANNEX	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.95	0.95	0.29
01-89-2-A	AG	EQPT LKR	∞	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.32
2-156-0-A	AR	THAW BOX	4	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.13
2-156-1-A	AR	FREEZER BOX	4	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.13
2-164-2-A	AR	CHILL BOX	4	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	0.7	0.8	0.9	0.504	1	1	0.8	0.8	0.13
4-32-0-A	AS	STOREROOM	8	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	0.95	0.9	1	0.855	1	1	0.8	0.8	0.25
4-143-0-A	AS	ENGINEERS STOREROOM	12	A	M	0.4	0.4	0.95	0.152	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.08
2-16-0-A	AS	BOSUN'S STORES	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-156-02-A	AS	DRY PROVISIONS STORES	29	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.24
2-172-1-A	AS	HAWSER & RESCUE EQUIPMENT STORAGE	2	A	M	0.6	0.6	0.95	0.342	1	0.9	0.9	0.81	0.3	1	1	0.3	1	1	0.8	0.8	0.06
1-1-0-A	AS	GENERAL STORES	18	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.24
1-12-0-A	AS	BOSUN'S STORES	∞	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.24
1-159-1-A	AS	DRY STORES	∞	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.24
1-159-2-A	AS	DRY PROVISIONS STORES	22	A	M	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.24
3-72-0-C	C	IC AND GYRO ROOM	7	C	M	0.7	0.9	0.95	0.598	1	0.9	0.85	0.765	0.95	1	1	0.95	0.9	0.9	0.8	0.648	0.28
2-136-0-C	C	CONTROL BOOTH	5	C	M	1	1	0.95	0.95	1	0.9	0.85	0.765	0.9	1	1	0.9	0.9	0.9	0.8	0.648	0.42
02-56-1-C	C	RADIO ROOM	8	C	M	0.8	0.8	0.95	0.608	1	0.9	0.85	0.765	0.95	0.8	0.8	0.608	0.9	0.9	0.8	0.648	0.18
02-56-2-C	C	CIC ROOM	7	C	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.95	0.8	0.85	0.646	0.9	0.9	0.8	0.648	0.14
03-62-0-C	C	PILOT HOUSE	9	C	M	1	1	1	1	1	0.9	0.85	0.765	0.95	1	0.85	0.807	0.9	0.9	0.8	0.648	0.40
4-108-0-E	EM	ENGINE ROOM	3	B	L	0.8	0.8	0.95	0.608	0.8	0.8	0.8	0.512	0.5	1	0.8	0.4	0.95	0.95	0.65	0.586	0.07
4-16-0-K	K	FLAMMABLE LIQUIDS STOREROOM	2	B	L	0.7	0.7	0.95	0.465	1	0.8	0.9	0.72	0.3	1	1	0.3	0.95	0.95	0.65	0.586	0.05
2-72-1-L	L1	ENGINEERING OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-44-0-L	L1	CO STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-44-1-L	L1	CO CABIN	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-72-0-L	L1	EXEC OFF STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
01-72-01-L	L1	OPS OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-72-4-L	L2	OFFICER STATEROOM	31	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-84-1-L	L2	OFFICER STATEROOM	26	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-84-2-L	L2	OFFICER STATEROOM	26	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-96-1-L	L2	CPO STATEROOM	25	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-96-2-L	L2	CPO STATEROOM	24	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27

Table B.6.3.1 Detailed Spreadsheet for M-Values At Sea Calculations

01-59-0-L	L2	OFFICER STATEROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	0.9	1	0.9	1	1	0.8	0.8	0.27
2-32-01-L	L5	CREWS BERTHING	11	A	M	0.8	0.8	0.95	0.608	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.35
2-52-01-L	L5	CREWS BERTHING	11	A	M	0.8	0.8	0.95	0.608	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.35
1-32-0-L	L5	CREWS BERTHING	11	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.27
1-52-0-L	L5	CREWS BERTHING	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	0.9	0.9	1	1	0.8	0.8	0.27
1-80-0-L	LL	WARDROOM	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.25
1-93-0-L	LL	CPO MESS	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.25
1-121-0-L	LL	CREWS MESS	∞	A	M	0.8	0.8	0.95	0.608	1	0.9	0.85	0.765	1	1	0.9	0.9	1	1	0.8	0.8	0.33
1-114-0-L	LM	DISPENSARY	∞	A	M	0.6	0.9	0.95	0.513	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.25
4-52-01-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-76-0A-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-76-0B-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-96-0-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-140-0A-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-140-0B-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-143-2-L	LP	STAIRWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-156-01A-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-156-01B-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-156-01C-L	LP	PASSAGEWAY	∞	A	S	0.7	0.7	0.95	0.465	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.35
2-172-0-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-52-01A-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-52-01B-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-52-01C-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-108-1-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-143-2-L	LP	STAIRWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
01-69-0-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
02-69-2-L	LP	PASSAGEWAY	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
02-69-4-L	LP	VESTIBULE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-32-0-L	LW	CREWS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-52-0-L	LW	CREWS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-72-0-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-72-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-88-1-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-88-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
2-99-0-L	LW	CPO SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-20-4-Q	LW	DECON SHWR	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
1-52-2-L	LW	CREWS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
01-44-2-L	LW	CO SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
01-56-2-L	LW	OFFICERS SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
01-87-0-L	LW	XO SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
01-87-1-L	LW	OPS OFFICER SANITARY SPACE	∞	A	S	0.6	0.9	0.95	0.513	1	0.9	0.9	0.81	1	1	1	1	1	1	0.95	0.95	0.39
4-84-0-Q	QA	A/C MACHINERY AND SEWAGE	2	C	M	0.6	0.9	0.95	0.513	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.06

Table B.6.3.1 Detailed Spreadsheet for M-Values At Sea Calculations

		DISPOSAL ROOM																				
3-96-0-E	QA	AUX MACHINERY SPACE	2	C	M	0.4	0.4	0.95	0.152	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.02
4-156-0-E	QA	AUX MACHINERY SPACE	2	B	M	0.6	0.9	0.95	0.513	0.7	0.9	0.85	0.5355	0.3	1	0.9	0.27	0.85	0.85	0.8	0.578	0.04
4-188-0-E	QA	STEERING GEAR ROOM	2	B	M	0.6	0.9	0.95	0.513	0.9	0.9	0.85	0.6885	0.3	1	0.8	0.24	0.85	0.85	0.8	0.578	0.04
01-92-0-Q	QA	HELO SERVICE	2	C	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.8	0.648	0.06
1-63-1-Q	QF	FAN ROOM	1	C	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	0.1	1	0.9	0.09	0.9	0.9	0.95	0.769	0.02
1-63-2-Q	QF	FAN ROOM	1	C	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	0.1	1	0.9	0.09	0.9	0.9	0.95	0.769	0.02
02-81-2-Q	QF	FAN ROOM	2	C	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.95	0.769	0.06
02-90-0-Q	QF	PLENUM ROOM	2	C	S	0.5	0.9	0.95	0.427	1	0.9	0.85	0.765	0.3	1	0.9	0.27	0.9	0.9	0.95	0.769	0.06
1-114-2-Q	QG	SCULLERY	2	A	S	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	1	1	0.3	1	1	0.95	0.95	0.10
1-146-0-Q	QG	GALLEY	2	B	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.3	0.9	1	0.27	0.85	0.85	0.8	0.578	0.05
1-20-0-Q	QL	LAUNDRY	3	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	0.5	1	1	0.5	1	1	0.8	0.8	0.14
2-143-2-Q	QO	ENGINEERING OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	0.9	1	0.9	1	1	0.8	0.8	0.25
1-72-2-Q	QO	SUPPLY OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.23
1-99-1-Q	QO	SHIPS OFFICE	∞	A	M	0.7	0.7	0.95	0.465	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.23
2-140-1-Q	QS	ENGINEERS WORKSHOP	∞	A	M	0.6	0.9	0.95	0.513	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.25
2-172-2-Q	QS	ELECTRIC WORKSHOP	∞	A	M	0.6	0.9	0.95	0.513	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.25
02-78-1-Q	QS	ELEC LAB AND STORAGE	∞	A	M	0.6	0.6	0.95	0.342	1	0.9	0.85	0.765	1	0.9	0.9	0.81	1	1	0.8	0.8	0.16
3-52-2-M	TH	AMMO HOIST	2	A	S	0.5	0.9	0.95	0.427	1	0.9	0.9	0.81	0.3	1	0.9	0.27	1	1	0.95	0.95	0.08
1-108-0-Q	TU	UPTAKE	2	B	L	0.5	0.9	0.95	0.427	1	0.8	0.9	0.72	0.3	1	0.9	0.27	0.85	0.85	0.65	0.469	0.03
01-99-0-Q	TU	UPTAKE AND FAN ROOM	3	B	L	0.5	0.9	0.95	0.427	1	0.8	0.9	0.72	0.5	1	0.9	0.45	0.85	0.85	0.65	0.469	0.06

Table B.7 Fuel Loads

Plan ID	Compartment Name	Cellulosics (psf)	Plastics (psf)	Flam. Liq. (gals)	Total Fuel (kBTUs/sf)	Growth Model	Stack Ht. %	% Deck Occupied
CUI=AG	(Gear Locker)							
3-12-0-Q	CHAIN LKR	2	3	0	64	5	NA	90
2-52-02-A	CLEANING GEAR LKR	7.6	2.5	0	100.8	5	NA	90
2-75-1-A	WARDROBE	3	2	0	56	5	NA	90
2-78-0-A	HS STORES	6.4	6.8	0	160	5	NA	90
2-78-2-A	REC LKR	13.6	5.5	0	196.8	5	NA	90
2-180-2-A	REPAIR PARTY LKR	0.3	3	0	50.4	5	NA	90
1-20-2-A	GENERAL STORES	18.3	3.7	0	205.6	5	NA	90
1-52-1-A	SHIPS SERVICE STORE	8.3	0.8	0	79.2	5	NA	60
1-57-1-A	FWD REPAIR LKR	2.4	2.4	0	57.6	5	NA	90
1-72-0-A	REPAIR ANNEX	5.2	12.2	0	236.8	5	NA	60
01-89-2-A	EQPT LKR	2.6	0.5	0	28.8	5	NA	90
CUI=AR	(Refrigerated Storage)							
2-156-0-A	THAW BOX	0.2	0.2	0	4.8	4	NA	90
2-156-1-A	FREEZER BOX	0.2	0.2	0	4.8	4	NA	60
2-164-2-A	CHILL BOX	0.2	0.1	0	3.2	4	NA	90
CUI=AS	(Storeroom)							
4-32-0-A	STOREROOM	1	2.5	0	48	5	NA	75
4-143-0-A	ENGINEERS STOREROOM	0.9	1.3	1	28.8	5	NA	75
2-16-0-A	BOSUN'S STORES	16.5	4.1	1	198.1	5	NA	20
2-156-02-A	DRY PROVISIONS STOREROOM	1	0.2	0	11.2	5	NA	90
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	13.2	1	1	122.3	5	NA	80
1-1-0-A	GENERAL STORES	10	10	1	243.2	5	NA	80
1-12-0-A	BOSUN'S STORES	21.4	5.4	0	257.6	5	NA	20
1-159-1-A	DRY STORES	1.9	1.4	0	37.6	5	NA	90
1-159-2-A	DRY PROVISIONS STORE	4.4	0.9	0	49.6	5	NA	90
CUI=C	(Ship Control/Communications)							
3-72-0-C	IC AND GYRO ROOM	0.3	0.1	0	4	7	NA	50
2-136-0-C	CONTROL BOOTH	0.3	1.5	0	26.4	7	NA	75
02-56-1-C	RADIO ROOM	1	2.5	0	48	7	NA	75
02-56-2-C	CIC ROOM	1	1.5	0	32	7	NA	75
03-62-0-C	PILOT HOUSE	0.3	0.9	0	16.8	7	NA	50
CUI=EM	(Main Propulsion - Mechanical)							
4-108-0-E	ENGINE ROOM	1	0.3	5	13.4	13	NA	20
CUI=K	(Hazardous Material Storage)							
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	0.1	0.4	150	220.5	3	90	90
CUI=L1	(Senior Officer's Cabin)							
2-72-1-L	ENGINEERING OFFICER SR	1.5	2	0	44	10	NA	60
01-44-0-L	CO SR	1	2	0	40	10	NA	60
01-44-1-L	CO CABIN	2	2	0	48	10	NA	60
01-72-0-L	XO SR	2	2	0	48	10	NA	60

Table B.7 Fuel Loads

Plan ID	Compartment Name	Cellulosics (psf)	Plastics (psf)	Flam. Liq. (gals)	Total Fuel (kBTUs/sf)	Growth Model	Stack Ht. %	% Deck Occupied
01-72-01-L	OPS OFFICER SR	2	4	0	80	10	NA	60
CUI=L2	(Officer/CPO Quarters)							
2-72-4-L	OFFICER SR	1	2	0	40	10	NA	70
2-84-1-L	OFFICER SR	1	2	0	40	10	NA	70
2-84-2-L	OFFICER SR	1	2	0	40	10	NA	70
2-96-1-L	CPO STATEROOM	1	2	0	40	10	NA	70
2-96-2-L	CPO STATEROOM	1	2	0	40	10	NA	70
01-59-0-L	OFFICER SR	2	2	0	48	10	NA	70
CUI=L5	(Crews Berthing)							
2-32-01-L	CREW BERTHING	0.8	1.6	0	32	10	NA	90
2-52-01-L	CREW BERTHING	0.8	1.6	0	32	10	NA	90
1-32-0-L	CREW BERTHING	0.8	0.6	0	16	10	NA	90
1-52-0-L	CREW BERTHING	0.8	0.2	0	9.6	10	NA	90
CUI=LL	(Wardroom/Mess/Lounge Areas)							
1-80-0-L	WARDROOM	0.3	1.2	0	21.6	9	NA	50
1-93-0-L	CPO MESS	0.3	0.5	0	10.4	9	NA	60
1-121-0-L	CREWS MESS	0.1	0.8	0	13.6	9	NA	60
CUI=LM	(Medical/Dental Spaces)							
1-114-0-L	DISPENSARY	0.3	0.3	0	7.2	9	NA	80
CUI=LP	(Passageway/Staircase/Vestibule)							
4-52-01-L	HANDLING PASSAGE	5	0.5	0	48	15	NA	20
2-76-0A-L	PASSAGE	0.1	0.1	0	2.4	15	NA	20
2-76-0B-L	PASSAGE	0.1	0.1	0	2.4	15	NA	20
2-96-0-L	PASSAGE	0.1	0.1	0	2.4	15	NA	20
2-140-0A-L	PASSAGE	0.1	0.1	0	2.4	15	NA	20
2-140-0B-L	PASSAGE	0.1	0.1	0	2.4	15	NA	20
2-143-2-L	STAIRWAY	3.3	1.7	0	53.6	15	NA	20
2-156-01A-L	PASSAGE	0.1	0.2	0	4	15	NA	20
2-156-01B-L	PASSAGE	0.1	0.2	0	4	15	NA	20
2-156-01C-L	PASSAGE	0.1	0.2	0	4	15	NA	20
2-172-0-L	PASSAGE	0.3	0.1	0	4	15	NA	20
1-52-01A-L	PASSAGE	0.5	2.8	0	48.8	15	NA	20
1-52-01B-L	PASSAGE	0.3	0.9	0	16.8	15	NA	20
1-52-01C-L	PASSAGE	0.2	1.6	0	27.2	15	NA	20
1-108-1-L	PASSAGE	0.2	0.1	0	3.2	15	NA	20
1-143-2-L	STAIRWAY	0.2	1.2	0	20.8	15	NA	20
01-69-0-L	PASSAGE	0.1	1.3	0	21.6	15	NA	20
02-69-2-L	PASSAGE	0.3	2.6	0	44	15	NA	20
02-69-4-L	VESTIBULE	5.8	1.7	0	73.6	15	NA	20
CUI=LW	(Sanitary Spaces)							
2-32-0-L	CREW WR, WC, SH	0.3	0.1	0	4	16	NA	20
2-52-0-L	CREW WR, WC, SH	0.2	0.1	0	3.2	16	NA	20
2-72-0-L	OFFICER WR, WC, SH	0.9	0.4	0	13.6	16	NA	20
2-72-2-L	OFFICER WR, WC, SH	0.6	0.3	0	9.6	16	NA	20
2-88-1-L	OFFICER WR, WC, SH	0.5	0.2	0	7.2	16	NA	20
2-88-2-L	OFFICER WR, WC, SH	0.5	0.2	0	7.2	16	NA	20

Table B.7 Fuel Loads

Plan ID	Compartment Name	Cellulosics (psf)	Plastics (psf)	Flam. Liq. (gals)	Total Fuel (kBTUs/sf)	Growth Model	Stack Ht. %	% Deck Occupied
2-99-0-L	CPO WR, WC, SH	0.1	0.1	0	2.4	16	NA	20
1-20-4-Q	DECON SHWR	0.1	0.1	0	2.4	16	NA	20
1-52-2-L	CREW WR, WC, SH	0.2	0.1	0	3.2	16	NA	20
01-44-2-L	CO WR, WC, SH	0.2	0.4	0	8	16	NA	20
01-56-2-L	OFFICER WR, WC, SH	0.2	0.4	0	8	16	NA	20
01-87-0-L	XO WR, WC, SH	0.2	0.3	0	6.4	16	NA	20
01-87-1-L	OPS OFFICER WR, WC, SH	0.2	0.4	0	8	16	NA	20
CUI=QA	(Aux Machinery Spaces)							
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	0.2	0.1	0	3.2	13	NA	50
3-96-0-E	AUX MACHINERY ROOM	0.1	0.2	2	5.3	13	NA	50
4-156-0-E	AUX MACHINERY SPACE	0.3	0.1	3	5.1	13	NA	60
4-188-0-E	STEERING GEAR ROOM	0.1	0.2	1	4.3	13	NA	50
01-92-0-Q	HELO SERVICE	0.2	1.9	1	33.2	13	NA	50
CUI=QF	(Fan Room)							
1-63-1-Q	FAN ROOM	0.5	0.3	0	8.8	13	NA	50
1-63-2-Q	FAN ROOM	8.3	0.7	0	77.6	13	NA	50
02-81-2-Q	FAN ROOM	0.2	2.9	0	48	13	NA	50
02-90-0-Q	PLENUM ROOM	0.9	0.3	0	12	13	NA	50
CUI=QG	(Galley/Pantry/Scullery)							
1-114-2-Q	SCULLERY	0.3	0.4	0	8.8	13	NA	50
1-148-0-Q	GALLEY	0.4	0.4	0	9.6	13	NA	50
CUI=QL	(Laundry)							
1-20-0-Q	LAUNDRY	1	0.5	0	16	12	NA	50
CUI=QO	(Office Spaces)							
2-143-2-Q	ENGINEERING OFFICE	0.5	0.4	0	10.4	8	NA	70
1-72-2-Q	SUPPLY OFFICE	2.4	0.5	0	27.2	8	NA	70
1-99-1-Q	SHIPS OFFICE	4.5	0.5	0	44	8	NA	70
CUI=QS	(Shops)							
2-140-1-Q	ENGINEERS WORKSHOP	0.2	0.2	1	5.4	5	NA	50
2-172-2-Q	ELECTRIC WORKSHOP	0.1	0.2	0	4	5	NA	50
02-78-1-Q	ELEC LAB AND STORAGE	0.8	1.2	0	25.6	5	NA	50
CUI=TH	(Trunks/Hoists/Dumbwaiters)							
3-52-2-M	AMMO HOIST	0	2.3	0	36.8	13	NA	20
CUI=TU	(Stacks/Engine Uptakes)							
1-108-0-Q	UPTAKE	9.3	4.6	0	148	13	NA	20
01-99-0-Q	UPTAKE AND FAN ROOM	3.8	4.5	0	102.4	13	NA	20

Table B.8 Fire Growth Models, Heat Release Rates, and FRI Times

Plan ID	Compartment Name	Growth Model	Alpha kW/sec2	Maximum Q kW	FRI XRAY	Time YOKE	(Min.) ZEBRA	Post-XRAY	FRI Q YOKE	(kW) ZEBRA
CUI=AG	(Gear Locker)									
3-12-0-Q	CHAIN LKR	5	0.1	130	15	15	15	0	0	0
2-52-02-A	CLEANING GEAR LKR	5	0.1	59	31	31	31	0	0	0
2-75-1-A	WARDROBE	5	0.1	22	999	999	999	0	0	0
2-78-0-A	HS STORES	5	0.1	70	999	999	999	70	70	70
2-78-2-A	REC LKR	5	0.1	59	11	11	11	59	59	59
2-180-2-A	REPAIR PARTY LKR	5	0.1	376	4	4	4	376	376	376
1-20-2-A	GENERAL STORES	5	0.1	246	16	16	16	16	16	16
1-52-1-A	SHIPS SERVICE STORE	5	0.1	72	999	999	999	19	19	19
1-57-1-A	FWD REPAIR LKR	5	0.1	187	14	14	14	6	6	6
1-72-0-A	REPAIR ANNEX	5	0.1	86	1	1	1	86	86	86
01-89-2-A	EQPT LKR	5	0.4	34	999	999	999	0	0	0
CUI=AR	(Refrigerated Storage)									
2-156-0-A	THAW BOX	4	0.01	1595	4	4	4	0	0	0
2-156-1-A	FREEZER BOX	4	0.01	1418	4	4	4	0	0	0
2-164-2-A	CHILL BOX	4	0.01	1861	4	4	4	0	0	0
CUI=AS	(Storeroom)									
4-32-0-A	STOREROOM	5	0.4	766	8	8	8	9	9	9
4-143-0-A	ENGINEERS STOREROOM	5	0.4	410	12	12	12	132	132	132
2-16-0-A	BOSUN'S STORES	5	0.1	288	999	999	999	288	288	288
2-156-02-A	DRY PROVISIONS STOREROOM	5	0.4	441	29	29	29	441	441	441
2-172-1-A	HAWSER & RESCUE EQUIPMENT STORAGE	5	0.1	906	2	2	2	906	906	906
1-1-0-A	GENERAL STORES	5	0.1	190	18	18	18	0	0	0
1-12-0-A	BOSUN'S STORES	5	0.1	168	999	999	999	168	168	168
1-159-1-A	DRY STORES	5	0.4	38	999	999	999	38	38	38
1-159-2-A	DRY PROVISIONS STORE	5	0.1	135	22	22	22	0	0	0
CUI=C	(Ship Control/Communications)									
3-72-0-C	IC AND GYRO ROOM	7	0.01	624	7	7	7	0	0	0
2-136-0-C	CONTROL BOOTH	7	0.01	3994	5	5	5	0	0	0
02-56-1-C	RADIO ROOM	7	0.01	16029	8	8	8	987	987	987
02-56-2-C	CIC ROOM	7	0.01	8315	7	7	7	310	310	310
03-62-0-C	PILOT HOUSE	7	0.01	4423	9	9	9	4423	4423	4423
CUI=EM	(Main Propulsion - Mechanical)									
4-108-0-E	ENGINE ROOM	13	0.2	28954	3	3	3	2871	781	781
CUI=K	(Hazardous Material Storage)									
4-16-0-K	FLAMMABLE LIQUIDS STOREROOM	3	0.2	3234	2	2	2	19	19	19
CUI=L1	(Senior Officer's Cabin)									
2-72-1-L	ENGINEERING OFFICER SR	10	0.1	238	999	999	999	147	147	147
01-44-0-L	CO SR	10	0.1	220	999	999	999	158	158	158
01-44-1-L	CO CABIN	10	0.1	530	999	999	999	158	158	158
01-72-0-L	XO SR	10	0.1	228	999	999	999	158	158	158
01-72-01-L	OPS OFFICER SR	10	0.1	234	999	999	999	158	158	158
CUI=L2	(Officer/CPO Quarters)									
2-72-4-L	OFFICER SR	10	0.1	282	31	31	31	147	147	147
2-84-1-L	OFFICER SR	10	0.1	344	26	26	26	147	147	147
2-84-2-L	OFFICER SR	10	0.1	344	26	26	26	147	147	147
2-96-1-L	CPO STATEROOM	10	0.1	340	25	25	25	75	75	75

Table B.8 Fire Growth Models, Heat Release Rates, and FRI Times

Plan ID	Compartment Name	Growth Model	Alpha kW/sec2	Maximum Q kW	FRI XRAY	Time YOKE	(Min.) ZEBRA	Post-XRAY	FRI Q YOKE	(kW) ZEBRA
2-96-2-L	CPO STATEROOM	10	0.1	340	24	24	24	67	67	67
01-59-0-L	OFFICER SR	10	0.1	204	999	999	999	158	158	158
CUI=L5	(Crews Berthing)									
2-32-01-L	CREW BERTHING	10	0.01	913	11	11	11	104	104	104
2-52-01-L	CREW BERTHING	10	0.01	1125	11	11	11	66	66	66
1-32-0-L	CREW BERTHING	10	0.01	1472	11	11	11	1472	23	23
1-52-0-L	CREW BERTHING	10	0.01	561	999	999	999	186	186	186
CUI=LL	(Wardroom/Mess/Lounge Areas)									
1-80-0-L	WARDROOM	9	0.2	290	999	999	999	290	290	290
1-93-0-L	CPO MESS	9	0.2	205	999	999	999	205	8	8
1-121-0-L	CREWS MESS	9	0.2	689	999	999	999	689	689	689
CUI=LM	(Medical/Dental Spaces)									
1-114-0-L	DISPENSARY	9	0.2	103	999	999	999	103	103	103
CUI=LP	(Passageway/Staircase/Vestibule)									
4-52-01-L	HANDLING PASSAGE	15	0.01	253	999	999	999	5	5	5
2-76-0A-L	PASSAGE	15	0.01	6	999	999	999	6	6	6
2-76-0B-L	PASSAGE	15	0.01	10	999	999	999	10	10	10
2-96-0-L	PASSAGE	15	0.01	57	999	999	999	57	57	57
2-140-0A-L	PASSAGE	15	0.01	5	999	999	999	5	5	5
2-140-0B-L	PASSAGE	15	0.01	7	999	999	999	7	7	7
2-143-2-L	STAIRWAY	15	0.01	37	999	999	999	37	37	37
2-156-01A-L	PASSAGE	15	0.01	8	999	999	999	8	8	8
2-156-01B-L	PASSAGE	15	0.01	16	999	999	999	16	16	16
2-156-01C-L	PASSAGE	15	0.01	7	999	999	999	7	7	7
2-172-0-L	PASSAGE	15	0.01	22	999	999	999	22	22	22
1-52-01A-L	PASSAGE	15	0.01	263	999	999	999	263	263	263
1-52-01B-L	PASSAGE	15	0.01	63	999	999	999	63	63	63
1-52-01C-L	PASSAGE	15	0.01	219	999	999	999	219	219	219
1-108-1-L	PASSAGE	15	0.01	7	999	999	999	7	7	7
1-143-2-L	STAIRWAY	15	0.01	22	999	999	999	22	0	0
01-69-0-L	PASSAGE	15	0.01	82	999	999	999	82	82	82
02-69-2-L	PASSAGE	15	0.01	171	999	999	999	171	171	171
02-69-4-L	VESTIBULE	15	0.01	22	999	999	999	22	22	22
CUI=LW	(Sanitary Spaces)									
2-32-0-L	CREW WR, WC, SH	16	0.001	4	999	999	999	4	4	4
2-52-0-L	CREW WR, WC, SH	16	0.001	4	999	999	999	4	4	4
2-72-0-L	OFFICER WR, WC, SH	16	0.001	4	999	999	999	4	4	4
2-72-2-L	OFFICER WR, WC, SH	16	0.001	4	999	999	999	4	4	4
2-88-1-L	OFFICER WR, WC, SH	16	0.001	3	999	999	999	3	3	3
2-88-2-L	OFFICER WR, WC, SH	16	0.001	3	999	999	999	3	3	3
2-99-0-L	CPO WR, WC, SH	16	0.001	2	999	999	999	2	2	2
1-20-4-Q	DECON SHWR	16	0.001	0	999	999	999	0	0	0
1-52-2-L	CREW WR, WC, SH	16	0.001	6	999	999	999	6	6	6
01-44-2-L	CO WR, WC, SH	16	0.001	5	999	999	999	5	5	5
01-56-2-L	OFFICER WR, WC, SH	16	0.001	5	999	999	999	5	5	5
01-87-0-L	XO WR, WC, SH	16	0.001	2	999	999	999	2	2	2
01-87-1-L	OPS OFFICER WR, WC, SH	16	0.001	3	999	999	999	3	3	3
CUI=QA	(Aux Machinery Spaces)									
4-84-0-Q	A/C MACHINERY AND SEWAGE DISPOSAL ROOM	13	0.2	5837	2	2	2	67	67	67

Table B.8 Fire Growth Models, Heat Release Rates, and FRI Times

Plan ID	Compartment Name	Growth Model	Alpha kW/sec2	Maximum Q kW	FRI XRAY	Time YOKE	(Min.) ZEBRA	Post-XRAY	FRI Q YOKE	(kW) ZEBRA
3-96-0-E	AUX MACHINERY ROOM	13	0.2	4480	2	2	2	56	56	56
4-156-0-E	AUX MACHINERY SPACE	13	0.2	9216	2	2	2	73	73	73
4-188-0-E	STEERING GEAR ROOM	13	0.2	8100	2	2	2	4008	182	182
01-92-0-Q	HELO SERVICE	13	0.2	17008	2	2	2	137	137	137
CUI=QF	(Fan Room)									
1-63-1-Q	FAN ROOM	13	0.2	1626	1	1	1	240	240	240
1-63-2-Q	FAN ROOM	13	0.2	11640	1	1	1	0	0	0
02-81-2-Q	FAN ROOM	13	0.2	16416	2	2	2	41	41	41
02-90-0-Q	PLENUM ROOM	13	0.2	7170	2	2	2	5260	5260	5260
CUI=QG	(Galley/Pantry/Scullery)									
1-114-2-Q	SCULLERY	13	0.2	3018	2	2	2	3018	3018	271
1-148-0-Q	GALLEY	13	0.2	11760	2	2	2	11760	11760	11760
CUI=QL	(Laundry)									
1-20-0-Q	LAUNDRY	12	0.1	3448	3	3	3	2318	310	310
CUI=QO	(Office Spaces)									
2-143-2-Q	ENGINEERING OFFICE	8	0.3	279	999	999	999	217	217	217
1-72-2-Q	SUPPLY OFFICE	8	0.3	158	999	999	999	11	11	11
1-99-1-Q	SHIPS OFFICE	8	0.3	140	999	999	999	68	68	68
CUI=QS	(Shops)									
2-140-1-Q	ENGINEERS WORKSHOP	5	0.4	345	999	999	999	63	63	63
2-172-2-Q	ELECTRIC WORKSHOP	5	0.4	125	999	999	999	20	20	20
02-78-1-Q	ELEC LAB AND STORAGE	5	0.4	186	999	999	999	186	186	186
CUI=TH	(Trunks/Hoists/Dumbwaiters)									
3-52-2-M	AMMO HOIST	13	0.2	810	2	2	2	810	810	0
CUI=TU	(Stacks/Engine Uptakes)									
1-108-0-Q	UPTAKE	13	0.2	31968	2	2	2	14733	14733	13645
01-99-0-Q	UPTAKE AND FAN ROOM	13	0.2	44851	3	3	3	3849	3849	3849