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LAMPIRAN



Lampiran 1: Gambar MV. SAO LOUIS



Lampiran 2: Foto Bersama Crew MV SAO LOUIS

교육 훈련 보고서 (TRAINING & DRILL REPORT)		선명: SHIP'S NAME:	SAO LOUIS
		작성일자: DATE:	07-JAN-2024
교육 구분: KIND OF TRAINING:	FIRE DRILL		
교육장소: LOCATION:	ENGINE ROOM	교육 일자: DATE OF TRAINING:	07-JAN-2024
교육훈련내용 DETAIL OF TRAINING/EDUCATION:			
-. <u>Drill</u> : FIRE DRILL IN ENGINE ROOM			
참석자 ATTENDEE			
직책 Rank	성명 Name	평가 종류 Kind of Evaluation	평가 Evaluation
C/O	MIFTACHUL ULUM	Observation	SATISFACTION
2/O	RIZKI ADITYA PRATAMA	Observation	SATISFACTION
3/O	INDRA MANUEL SIMANUNGKALIT	Observation	SATISFACTION
C/E	LEE SEONG HUN	Observation	SATISFACTION
1/E	OLAN IBROHIM	Observation	SATISFACTION
2/E	AHMAD FIQIH	Observation	SATISFACTION
3/E	WENCEN SUBERISTON SIHOTANG	Observation	SATISFACTION
BSN	YOHANES YONATHAN SOPAMENA	Observation	SATISFACTION
ABA	NAWA ISWARA	Observation	SATISFACTION
ABB	ARIFIN	Observation	SATISFACTION
ABC	KASTRO SIHOMBING	Observation	SATISFACTION
OS A	LUKMAN HAKIM	Observation	SATISFACTION
OS B	ROCHIMIN	Observation	SATISFACTION
#1OLR	FARY ERDANO	Observation	SATISFACTION
OLR	ABDUL RHOSYEIDH	Observation	SATISFACTION
C/CK	MARYADI BASRI	Observation	SATISFACTION
M/M	TIMBUL PARULIAN SIBURIAN	Observation	SATISFACTION
A/O	IVAN CLAUDIO RANDA LINGGI	Observation	SATISFACTION
A/E	JUSNADIL	Observation	SATISFACTION
첨부 및 기타 사항: ATTACHMENT AND OTHERS			
-. Drill Scenario.			
* 평가구분: 관찰, 구술, 필답, 과제, 설문, 경력 등 Kind of evaluation: Observation, Oral test, Written test, Assignments, Interview, Experience etc. * 평 가: 적합, 부적합 Evaluation: Satisfaction, Dissatisfaction			
교육장사 Training Instructor	SSO (Master)	SSO	Capt. I WEON U

Form 9 / Rev.00

Lampiran 3: Evaluasi Drill

Table of Shipboard Yearly Training & Drill														
Year : 2025			Ship's Name : SAO LOUIS											
Kind of Drill and Training	Interval		Drill Plan / Implement Date											
			Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Drill														
Fire Fighting	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○	○
Abandon Ship	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○	○
Life Boat and Rescue Boat Launching & Maneuvering	3	Months			● 9			● 18			○			○
Life Boat Launching or Launching Simulation	6	Months						● 18						○
Oil Spill Prevention & Response	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○	○
Rescue from Enclosed Space	2	Months	● 7		● 9		● 27		● 8		○		○	
Emergency Steering	3	Months	● 7	● 12			● 27			○			○	
Man Overboard	3	Months	● 7			● 21			● 8			○		
Loss of Life or Injury	3	Months		● 12			● 27			○			○	
Collision	12	Months								○				
Grounding	12	Months			● 9									
Prevention of Flooding	12	Months						● 18						
ECDIS Failure drill	6	Months							● 8					
Loss of Propulsion	12	Months										○		
Emergency Towing	12	Months										○		
Helicopter Operation	12 Months and Before operation					● 21								

Lampiran 4: Jadwal Drill

Training & Education													
Operation of Fire Fighting Equipment	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○
Operation of Life Saving Appliances	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○
Oil Pollution Prevention & Response	1	Month	● 7	● 12	● 9	● 21	● 27	● 18	● 8	○	○	○	○
Procedure of Enclosed Space Entry	2	Months	● 7		● 9		● 27		● 8		○		○
Treatment of Hypothermia and First-aid Procedure (Survival at Sea)	3	Months	● 7			● 21			● 8			○	
Prevention of Drug & Alcohol Abuse	3	Months		● 12			● 21			○			○
Operation & Launching of Liferaft	4	Months				● 21				○			○
Procedure of Helicopter Operation	12	Months				● 21							
Operation of Emergency Towing Appliances	12	Months									○		
Ballast Water Management System(for Officer/Engineer)	6	Months			● 9						○		
Garbage Management System	6	Months	● 7						● 8				
Cyber Security Awareness	6	Months		● 20		● 22						○	
* Note : The top division of planning month should be marked by "O", a lower division implement date. 계획된 월의 상단에는 "O" 표시를, 하단에는 실시일자를 기재해야 한다													
I WEON U													

Lampiran 4: Jadwal Edukasi Drill

CREW LIST

1. Name of ship / IMO Number				2. Port of Departure		3. Date of Departure	
SAO LOUIS / 9824083				LIANYUNGANG, CHINA		12TH DECEMBER 2024	
4. Nationality of ship				5. Port of Arrival		13. Nature and No. of identity document	
MARSHALL ISLANDS				SINGAPORE			
6. No.	7. Family name, given names	8. Sex	9. Rank	10. Nationality	11. Date and place of birth	14. Expiry date (Passport)	15. Expiry date (Seaman book)
					12. Date and place of embarkation		
1	CHONG KUJUNG	Male	MASTER	S.KOREA	21/07/1966 BUSAN	M54319212	BS067-00577
					11/05/2024 CAOFEIDIAN, CHINA	08/01/2026	UNLIMITED
2	MIFTACHUL ULUM	Male	C/OFF	INDONESIA	18/05/1987 AMBARAWA	C9859530	G104777
					17/09/2024 SINGAPORE	07/07/2027	03/09/2026
3	ERWIN SUSANTO MANALU	Male	2/OFF	INDONESIA	11/01/1996 NAINGGOLAN	X2889846	J037364
					27/05/2024 SINGAPORE	20/03/2034	22/04/2027
4	ROKHAN ARUN ASHARI	Male	3/OFF	INDONESIA	28/06/1996 BEKASI	X3658395	HD87022
					17/09/2024 SINGAPORE	28/08/2034	14/09/2027
5	MIN SONGSIG	Male	C/ENG	S.KOREA	01/08/1961 JEONNAM	M821D8112	BS112-02087
					27/05/2024 SINGAPORE	25/10/2033	UNLIMITED
6	GERMAN PANGIHUTAN MARYONO	Male	1/ENG	INDONESIA	24/10/1988 BEKASI	C8426541	J019233
					11/05/2024 CAOFEIDIAN, CHINA	12/01/2027	04/04/2027
7	MHD RIDHO RIZKI	Male	2/ENG	INDONESIA	20/04/1992 DURI	C9317352	I076487
					17/09/2024 SINGAPORE	29/06/2027	15/08/2026
8	RAXCA BAYU AJI	Male	3/ENG	INDONESIA	29/01/1994 WONOGIRI	C7037941	H001183
					27/05/2024 SINGAPORE	28/08/2025	08/04/2027
9	AMIN MARUF	Male	BSN	INDONESIA	21/01/1967 BANGKALAN	E0788567	I026314
					11/05/2024 CAOFEIDIAN, CHINA	17/10/2032	17/02/2026
10	IQBAL NAJAMUDDIN	Male	ABA	INDONESIA	04/05/1972 PALOPO	E5590903	F129032
					27/05/2024 SINGAPORE	28/11/2033	02/04/2025
11	AGUS DWI WAHONO	Male	ABB	INDONESIA	20/08/1984 SURABAYA	E5763096	I129117
					27/05/2024 SINGAPORE	08/12/2033	12/01/2027
12	KASTRO SIHOMBING	Male	ABC	INDONESIA	09/08/1975 TAPANULI UTARA	C8912928	J054659
					17/09/2024 SINGAPORE	23/03/2027	24/06/2027
13	RIDWAN GARING	Male	OSA	INDONESIA	05/09/1992 PALOPO	C6584774	G129212
					27/01/2024 SINGAPORE	31/12/2026	05/01/2027
14	AGUNG DWI HIRO PRAWIBOWO	Male	OSB	INDONESIA	19/08/1993 JAKARTA	C8104487	F155297
					27/05/2024 SINGAPORE	13/12/2026	11/07/2025
15	PARLINDUNGAN SIMANUNGKALIT	Male	1/OLR	INDONESIA	11/09/1962 MEDAN	C7295822	I097738
					27/01/2024 SINGAPORE	05/01/2026	26/09/2026
16	BARA SEPTIANZA EKA PUTRA	Male	OLR	INDONESIA	05/09/1990 JAKARTA	E5588913	I000869
					11/05/2024 CAOFEIDIAN, CHINA	30/10/2033	22/11/2025
17	ASMAR	Male	C/S	INDONESIA	01/04/1976 BANGKALAN	E1800227	F166474
					27/01/2024 SINGAPORE	22/12/2032	13/08/2025
18	SOFYAN ISKANDAR	Male	COOK	INDONESIA	07/02/1964 BOGOR	E0788359	HD88550
					11/05/2024 CAOFEIDIAN, CHINA	14/10/2027	13/10/2025
19	IVAN CLAUDHIO RANDA LINGGI	Male	A/O	INDONESIA	19/08/2004 BATAM	E7559999	J006370
					17/09/2024 SINGAPORE	15/05/2034	20/03/2027
20	JUSNADIL	Male	A/E	INDONESIA	14/05/2004 LISE	E7689259	J059697
					17/09/2024 SINGAPORE	27/05/2034	31/07/2027

* Total 20 Crew member included Master

14. Date and signature by master, authorized agent or office

13TH DECEMBER 2024
Date


CAPT. CHONG KUJUNG
 Master of MV SAO LOUIS

Lampiran 5: Crew List MV SAO LOUIS

SHIP'S PARTICULAR

MV SAO LOUIS

Update Date: 21ST December, 2024

MY SHIP LOGS

Update Date: 27 December, 2024

GENERAL INFORMATION				
Name of ship	: SAO LOUIS	IMO Number	: 9824083	
Port of Registry	: Majuro	Register Number	: 8866	
Flag	: Marshall Is.	Class Number	: 2000062	
Call sign	: V7A2851	MMSI Number	: 538008866	
Type of ship	: Ore/Bulk Carrier	Company ID Number	: 6307113	
E-mail address	: HSOL@hline-sea-one.com	Telex Number	: 453849159/453849160	
Phone Number(v-sat)	: 07041549729	Fax Number	: 870773113728	
OWNERSHIP AND OPERATION		Phone No.(FBB)	: 870773111798	
Registered Owner	Xiang t4 HK International Ship Lease Co., Limited 18/F, 20 Pedder Street, Central, Hongkong			
Operator	H-LINE SHIPPING Co., Ltd. (Bareboat Charterer) 8 th Fl.(E-ma Bldg., Susong-dong), 42, Jong-ro 1-gil, Jongno-gu, Seoul, Republic of Korea			
Technical Manager	SUMMIT Marine Service Co., Ltd. 402, 288, Jungang-daero, Dong-gu, Busan, Republic of Korea			
Main Charterer	VALE INTERNATIONAL S.A. Avenida Dr. Marco Paulo Simon Jardim, 3580, Piemonte, 34006-200 Nova Lima, Mg-Brazil			
BUILDER				
Builder	Hyundai Heavy Industries Co., Ltd. Ulsan, Korea	Date keel laid	: 29 th January, 2020	
		Date launched	: 29 th April, 2020	
Hull number	: 3005	Date delivered	: 31 st July, 2020	
CLASSIFICATION				
Class Notation	+KRS1 - ORE CARRIER 'ESP' GRAB[30] SeaTrust(DSA2.FSA3.HCM) CLEAN1 IWS ERS IHM PSCP BLU LNG Ready (SR,ME-C,AE-C,B-C) EEAS-EGC LG LI +KRM1 - UMA BWT STCM			
Date of last dry-dock	: 31 ST July, 2020	Classification society	: KR	
Due date of next dry-dock	: 30 th July, 2025	Date of last annual survey	: 27 th June, 2023	
Due date of next special survey	: 30 th July, 2025	Date of last special survey	: 31 ST July, 2020	
DIMENSIONS				
Length overall (LOA)	: 339.98 m	Length between perpendiculars (LBP)	: 334.00 m	
Breadth	: 62.00 m	Distance bow to bridge	: 289.03 m	
Depth	: 29.80 m	Distance bridge to stern	: 50.95 m	
Height, Keel to Masthead	: 66.59 m	Height, Keel to top of Hatch cover	: 33.47 m	
Gross Tonnage	: 172,521	Suez Tonnage(GT/NT)	: 185,160.11 / 175,183.42	
Net Tonnage	: 59,906	Lightship weight	: 45,736.5	
LOADLINE INFORMATION				
	Freeboard(m)	Draft(m)	Deadweight(MT)	Displacement(MT)
Summer	7.940	21.423	324,690	370,426
Winter	8.386	20.977	316,150	361,886
Tropical	7.494	21.869	333,241	378,777
Lightship		3.150		45,736.5
FWA at Summer Draft	: 483 mm	TPC at Summer draft	: 191.6	
CREW				
Number of Crew	: 20	Nationality	KOREA-2 / INDONESIA-18	
Max. Number of crew capacity	: 25	Working Language	ENGLISH	
ENGINE SPECIFICATION				
Main Engine	Main Engine		MCR	NCR
HYUNDAI-MAN B&W	2 STROKE, 7G80ME-C9.5		21,000KW x 58.9 rpm	17,850KW x 55.8 rpm
Propeller	Height, Keel to top of propeller : 10,773 mm			
	Screw Dia. : 10,700 mm		Screw Pitch : 7936.32 mm	
Generator Engine	HHH 7H21C / 1670KW x 900 rpm			
Service Speed : KTS	RPM	Bunker Consume	Ballast voyage	Laden voyage
(without Guarantee)	55.8	70	15.1	13.5
Consumable Bunker In Port				
OTHER SHIP SPECIFIC INFORMATION: N/A				

Capt. KIM JONG MAN
Master of SAO LOUIS

Lampiran 6: Ship Particular MV SAO LOUIS

항해구간: FROM SAGAI TO BAGIT OR LAY AT PAGE: 16

시각 (ZD) SUN 25th Day of DEC 2024

- 3 / -7 기 R E M A R K S A

0000 - 0010 Rigging made in E.P. S.E. Rm. & 1st OPRN call in Deck Secretary

0100 CHECKED ALL AMU & GROSS EQUIP. TESTED HAND STEERING ALL'S WELL. GOT HER ON PW. 02:05. B/N 101-99.221
010000 FIRE & SECURITY DETAIL ROUNDS MADE AS PER SSP FORM 12. ALL'S WELL 3/0 R

0200 CHECKED IN AMU & GROSS EQUIP. TESTED HAND STEERING. ALL'S WELL. GOT HER ON PW. 03:42. B/N 101-99.245 E
020000 FIRE & SECURITY DETAIL ROUNDS MADE AS PER SSP FORM 12. ALL'S WELL 3/0 R

0300 Checked all AMU & GROSS EQUIP. TESTED HAND STEERING. All in good order. 3/0 R

Get her on PW at: 03:42. B/N 101-99.245 E

항목 (Item)	단위 (Unit)	소모 (Consumed)	잔량 (On Hand)	비고 (Remarks)
평균 회전수 Average R.P.M.	회/분 (RPM)	F.O. 14.2	F.O. 14.2	
가속기 리 Dist. By Eng.	리 (mi)	F.O. 14.2	F.O. 14.2	
유량 Flow	리 (mi)	F.O. 14.2	F.O. 14.2	
지속력 Endurance	리 (mi)	F.O. 14.2	F.O. 14.2	

0400 - 0410 FIRE & SECURITY DETAIL ROUNDS MADE AS PER SSP FORM 12. ALL'S WELL

0500 - 0510 Carried out education of 3 deck crew in 25th crew change at following:
- Education of fire fighting equipment operation
- Education of life saving equipment operation
- Fire fighting drill, checked fire alarm, preparation of fire team, 05:05 carried out duties as per muster list
- Abandon ship drill, checked each crew person belonging, checked fire alarm & fire extinguisher
- 15 min. drill, "ATTACK" whistle at 05:15

0600 CHECKED ALL AMU & GROSS EQUIP. TESTED HAND STEERING. ALL'S WELL. GOT HER ON PW. 06:05. B/N 101-99.245 E
060000 FIRE & SECURITY DETAIL ROUNDS MADE AS PER SSP FORM 12. ALL'S WELL 3/0 R

0700 CHECKED IN AMU & GROSS EQUIP. TESTED HAND STEERING. ALL'S WELL. GOT HER ON PW. 07:05. B/N 101-99.245 E
070000 FIRE & SECURITY DETAIL ROUNDS MADE AS PER SSP FORM 12. ALL'S WELL 3/0 R

0800 Recorded Ship's time 1 hr to 20:00

0900 Checked all AMU & GROSS EQUIP. TESTED HAND STEERING. All in good order. 3/0 R

Get her on PW at: 09:14. B/N 101-99.245 E

일동장사
Chief Officer 신장
Master

Lampiran 7: Log Book MV SAO LOUIS

< MUSTER LIST for FIRE-FIGHTING >				
Fire-Fighting Signal		1 long blast with (10 seconds)		
Announcement : FIRE (3) & SITE / CLASS / SIZE				
DEP.		RANK	ASSIGNMENT	BELONGINGS
Bridge	Command & Duty	MASTER	Overall Commander, Communication	Transceiver
		3/O	Bridge Watch & Record Keeping, Assistance to Master, GMDSS Operation	Transceiver
		AB A	Bridge Watch & Steering	-
ECR		C/E	Commander of ECR	Transceiver
		2/E	Operation of Emergency G/E and (Emergency) Fire Pump	Transceiver
On Scene	Fire-Fighting Team	C/O	On Scene Control, Operation of Fixed Fire Extinguisher	Transceiver, Crew List
		1/E	Assistant to C/O	Transceiver, Flash Light
		BSN	Assistant to Put on Fireman's Outfit	-
		#1 OLR	Assistant to Put on Fireman's Outfit	-
		AB B	Put on Fireman's Outfit (Nozzle man-Except E/R or Hose Man)	Fireman's Outfit
		OLR	Put on Fireman's Outfit (Nozzle man-In E/R or Hose Man)	Fireman's Outfit
		OS A	Assistant to put on Fireman's Outfit /Put on Fireman's Outfit If necessary	Explosion-proof radio
	Support Team	2/O	Leader of Support/First-Aid Team	Transceiver, First-Aid Kit
		3/E	Cut-Off the Electric Power and Ventilation, Cooling bulkhead	Portable Extinguisher
		AB C	Fire Hose Installation, Cooling bulkhead	Spare Air Cylinder
		OS B	Fire Hose Installation, Cooling bulkhead	Spare Air Cylinder
	First Aid	C/COOK	Transfer the injured & first aid	Resuscitator
		COOK	Transfer the injured & first aid	Blanket, Stretcher
	Passer, Visitors		Muster on Bridge(Under Master's Command) : A/O, A/E, Super't, etc	-

Lampiran 8: Muster List MV SAO LOUIS

Lampiran 9: Hasil Wawancara
Transkrip Wawancara

A. Data Taruna

B. Nama: Ivan Claudhio Randa Linggi

C. NIT: 22.41.201

D. Judul Skripsi: Analisis *Fire Drill* Sebagai Upaya Peningkatan Kesiapan Crew Dalam Menghadapi Kebakaran di MV. SAO LOUIS

E. Daftar Responden

1. Nama: Miftachul Ulum

Jabatan: *Chief Officer*

Tanggal Wawancara: 10 Februari 2025

2. Nama: Rizki Aditya Pratama

Jabatan: *Second Officer*

Tanggal Wawancara: 10 Februari 2025

3. Nama: Rokhan Arun Ashari

Jabatan: *Third Officer*

Tanggal Wawancara: 10 Februari 2025

4. Nama: German Pangihutan Maryono

Jabatan: *First Engineer*

Tanggal Wawancara: 10 Februari 2025

5. Nama: Mhd Ridho Rizki

Jabatan: *Second Engineer*

Tanggal Wawancara: 10 Februari 2025

6. Nama: Amin Maruf

Jabatan: *Boat Swain (Bosun)*

Tanggal Wawancara: 10 Februari 2025

F. Hasil Wawancara

Responden 1: Chief Officer

- Cadet* Selamat pagi, Chief. Mohon izin, saya ingin melakukan wawancara terkait pelaksanaan *fire drill* di atas MV. SAO LOUIS.?
- Chief Officer* Selamat pagi det. Silakan.
- Cadet* Bagaimana pelaksanaan *fire drill* di atas kapal ini, Chief?
- Chief Officer* Pelaksanaan *fire drill* di kapal ini dilakukan secara rutin setiap bulan sesuai dengan ketentuan SOLAS. Latihan dimulai dengan alarm kebakaran, kemudian seluruh crew menuju *muster station* sesuai tugas masing-masing dalam *muster list*.
- Cadet* Apakah pelaksanaan tersebut sudah berjalan secara efektif, Chief?
- Chief Officer* Secara prosedur sudah berjalan dengan baik, namun dalam pelaksanaannya masih perlu ditingkatkan. Beberapa crew masih menganggap latihan ini sebagai formalitas, sehingga belum sepenuhnya serius dalam pelaksanaannya.
- Cadet* Apa saja kendala yang dihadapi dalam pelaksanaan *fire drill*, Chief?
- Chief Officer* Kendala utamanya adalah kurangnya kesadaran dan kesiapan sebagian crew. Selain itu, koordinasi dan komunikasi saat latihan juga masih perlu ditingkatkan agar lebih efektif..
- Cadet* Baik, Chief. Terima kasih atas waktu dan penjelasannya.
- Chief Officer* Sama-sama det.

Responden 2: *Second Officer*

- Cadet* Selamat pagi, Ken. Mohon izin melakukan wawancara terkait pelaksanaan *fire drill* di MV. SAO LOUIS.
- Second Officer* Selamat pagi det. Silakan.
- Cadet* Bagaimana pelaksanaan *fire drill* dari sudut pandang Anda sebagai perwira jaga?
- Second Officer* Pelaksanaan *fire drill* sudah berjalan sesuai prosedur yang ditetapkan, dimulai dari pembunyian alarm hingga pelaporan di *muster station*. Namun, dalam pelaksanaannya masih perlu peningkatan terutama dalam hal kecepatan respon crew.
- Cadet* Apakah crew sudah memahami tugasnya masing-masing?
- Second Officer* Sebagian besar sudah memahami, tetapi dalam kondisi simulasi masih ada yang ragu-ragu dalam bertindak.
- Cadet* Menurut second bagaimana komunikasi selama latihan berlangsung?
- Second Officer* Komunikasi sudah berjalan, namun terkadang kurang jelas, terutama saat banyak instruksi diberikan secara bersamaan.
- Cadet* Apa saran second untuk meningkatkan pelaksanaan *fire drill*?
- Second Officer* Perlu adanya latihan yang lebih intensif dan pengulangan prosedur agar crew lebih terbiasa dan responsif.
- Cadet* Baik, Terima kasih atas waktunya ken.

*Second
Officer*

Sama sama det.

Responden 3: Third Officer

Cadet

Selamat siang, Third Officer. Mohon izin melakukan wawancara terkait pelaksanaan *fire drill*.

*Third
Officer*

Selamat siang det. Silakan.

Cadet

Bagaimana keterlibatan Anda dalam pelaksanaan *fire drill*?

*Third
Officer*

Saya biasanya bertanggung jawab dalam membantu koordinasi di area tertentu serta memastikan peralatan keselamatan siap digunakan.

Cadet

Apakah peralatan pemadam kebakaran selalu dalam kondisi siap?

*Third
Officer*

Secara umum siap, karena dilakukan pengecekan berkala, namun terkadang masih ada crew yang belum maksimal dalam penggunaannya.

Cadet

Bagaimana kerja sama antar crew saat latihan?

*Third
Officer*

Kerja sama sudah ada, tetapi belum maksimal. Masih diperlukan peningkatan dalam kekompakan tim.

Cadet

Apa kendala yang sering dihadapi?

*Third
Officer*

Kendala utamanya adalah kurangnya pengalaman sebagian crew dan kurangnya latihan praktik secara langsung.

Cadet

Terima kasih atas waktu dan penjelasannya third.

*Third
Officer*

Sama sama det.

Responden 4: 1st Engineer

Cadet Selamat pagi, Bass. Mohon izin, saya ingin melakukan wawancara terkait pelaksanaan *fire drill* di atas MV. SAO LOUIS dari sisi mesin?

1st Eng Selamat pagi det. Silakan.

Cadet Bagaimana peran tim mesin dalam pelaksanaan *fire drill*?

1st Eng Tim mesin berperan penting dalam pengoperasian *fire pump*, memastikan tekanan air mencukupi, serta mengisolasi sumber bahaya seperti bahan bakar dan listrik.

Cadet Apakah tim mesin sudah siap dalam menghadapi kebakaran?

1st Eng Secara umum sudah siap, namun masih perlu peningkatan dalam hal kecepatan respon dan koordinasi dengan tim dek.

Cadet Apa saja kendala yang dihadapi dalam pelaksanaan *fire drill*, bass?

1st Eng Kendala yang sering terjadi adalah komunikasi antara engine room dan deck yang belum selalu berjalan lancar saat kondisi latihan.

Cadet Apakah evaluasi dilakukan setelah latihan?

1st Eng Evaluasi ada, tetapi masih belum mendalam dan belum selalu ditindaklanjuti.

Cadet Terima kasih atas waktunya bass.

1st Eng Sama-Sama det.

Responden 5: 2nd Engineer

- Cadet* Selamat siang, Second Engineer. Mohon izin melakukan wawancara terkait *fire drill*.
- 2nd Eng* Selamat siang det. Silahkan.
- Cadet* Bagaimana pelaksanaan *fire drill* dari sudut pandang Anda?
- 2nd Eng* Pelaksanaan *fire drill* sudah berjalan sesuai prosedur, terutama dalam pengoperasian peralatan di engine room. Namun, masih perlu peningkatan dalam hal koordinasi dan kesiapan individu crew.
- Cadet* Apakah semua crew mesin memahami tugasnya?
- 2nd Eng* Sebagian besar memahami, tetapi masih ada yang belum sepenuhnya menguasai prosedur dalam kondisi darurat.
- Cadet* Bagaimana kesiapan peralatan di engine room?
- 2nd Eng* Peralatan dalam kondisi baik dan siap digunakan, karena dilakukan pengecekan rutin.
- Cadet* Apa saran Anda untuk meningkatkan efektivitas latihan?
- 2nd Eng* Perlu dilakukan latihan yang lebih sering dan lebih realistis, serta peningkatan komunikasi antar bagian.
- Cadet* Terima kasih atas penjelasannya bass.
- 2nd Eng* Sama sama det.

Responden 6: Bosun

Cadet Selamat siang, Bosun. Mohon izin, saya ingin melakukan wawancara terkait pelaksanaan *fire drill* di atas MV. SAO LOUIS sebagai bahan penelitian skripsi saya.

Bosun Selamat siang det, silahkan.

Cadet Sebagai kepala kerja di bagian dek, bagaimana menurut Bosun pelaksanaan *fire drill* yang selama ini dilakukan di kapal?

Bosun Pelaksanaan *fire drill* di MV. SAO LOUIS dilaksanakan secara rutin sesuai jadwal yang telah ditetapkan oleh pihak kapal. Sebelum latihan dimulai, seluruh crew dikumpulkan dan diberikan pengarahan singkat mengenai skenario latihan yang akan dilakukan. Pada saat alarm dibunyikan, masing-masing crew menuju *muster station* dan melaksanakan tugas sesuai dengan pembagian yang terdapat dalam *muster list*.

Cadet Apakah seluruh crew sudah memahami tugas dan tanggung jawabnya masing-masing saat pelaksanaan *fire drill*?

Bosun Sebagian besar crew sudah memahami tugasnya. Namun, masih ada beberapa crew, terutama yang baru bergabung, yang terkadang masih memerlukan arahan mengenai tindakan yang harus dilakukan dan penggunaan peralatan pemadam kebakaran.

Cadet Terimakasih atas waktu yang telah diberikan bos.

Bosun Sama sama det.

RIWAYAT HIDUP PENULIS



Ivan Claudhio Randa Linggi, lahir di Batam pada tanggal 19 Agustus 2004. Merupakan anak kedua dari pasangan bapak **Syamder Randalinggi** dan ibu **Rosdiana Pareang**. Penulis pertama kali menempuh pendidikan dan di selesaikan tahun 2016 di SD Kartini II Batam, Kemudian melanjutkan pendidikan di SMP Monte Sienna dan diselesaikan pada tahun 2019. Penulis kembali melanjutkan pendidikan di SMAN 14 Batam jurusan MIPA. Pada tahun 2022 penulis terdaftar sebagai taruna di politeknik pelayaran Makassar Angkatan XLIII. Kemudian penulis melakukan praktek selama 1 tahun 1 hari di MV. SAO LOUIS Perusahaan milik H-Line Shipping Co., Ltd. Dengan petunjuk dan pertolongan dari Tuhan Yang Maha Esa, serta Dukungan usaha dan doa dari kedua orang tua, penulis dapat menjalani aktivitas akademik di Politeknik Ilmu pelayaran Makassar. Puji syukur penulis Berhasil menyelesaikan tugas akhir dengan skripsi berjudul “ANALISIS FIRE DRILL SEBAGAI UPAYA PENINGKATAN KESIAPAN CREW DALAM MENGHADAPI KEBAKARAN DI MV. SAO LOUIS”.