

MARINE DOCTOR



Testing Booklet

April 2021

Software testing can provide objective, independent information about the quality of software and the risk of its failure to users or sponsors.

Software testing can be conducted as soon as executable software (even if partially complete) exists. The overall approach to software development often determines when and how testing is conducted. For example, in a phased process, most testing occurs after system requirements have been defined and then implemented in testable programs. In contrast, under an agile approach, requirements, programming, and testing are often done concurrently.

Marine Doctor is officially provided to a significant number of ships for testing purposes. Each ship has to test at least five real-time cases, and system performance can be analysed by a simple questionnaire mentioned in the mail.

Each ship has to test at least real-time cases with these 5 scenarios. We will ask the ship Master to submit a request for medical assistance through the application "Marine Doctor" for the symptoms described below.

Another request for the same case should via Email to the address tmasmaritimedoctor@gmail.com to assess differences between Marine doctor and standard channels that the ship uses actually in requiring medical device.

At the end of the test, a certificate of appreciation will be given to all that have collaborated.

Case scenario 1: A/B with abdominal pain	
Age	31
Blood pressure	137/90
Pulse rate	84
Body temperature	36.4° Celsius
Weight	81 kg
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Severe pain in his lower abdomen
Symptom 2:	Nausea
Description	Complain stomach pain since 06/11/2019 was sent to Hospital in port Port Klang, Malaysia with diagnosis gastritis. After a hospital visit patient reported that pain is not relieving. Patient feeling burning sensation

Case scenario 2: Chief Mate with Lumbar pain	
Age	42
Blood pressure	120/70
Pulse rate	86
Body temperature	38.2
Weight	92
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Lumbar pain
Symptom 2:	Fever
Description	Crew suffering spot of back pain for 10 days. He has blood in the Urine every time during urination and painful at the end, painful at the tip of the penis as well, He also noticed during urination some like small crystal stone. Fever also was noticed.

Case scenario 3: Master with Headache	
Age	48
Blood pressure	135/85
Pulse rate	78
Body temperature	36.4
Weight	101
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Headache
Symptom 2:	Pain in the left eye
Description	Pain in the left side of the head including the left eye from yesterday. Master reported being feeling weakness. No redness of the eye. No vision Impairment. No injury/concussion to the head.

Case scenario 4: Messman with sore throat and fever	
Age	51
Blood pressure	131 / 88
Pulse rate	74
Body temperature	38.4
Weight	65
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Sore throat and
Symptom 2:	Fever
Description	Messman nationality Indian, blood pressure : 131 / 88 ; pulse rate : 112 ; temperature : 38.4 deg c. Patients symptoms: reported fever, body pain and sore throat for the past two days.

Case scenario 5: Master with chest pain	
Age	54
Blood pressure	118/ 77
Pulse rate	78
Body temperature	36.3
Weight	74
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Chest pain
Symptom 2:	Dizziness
Description	Master, Male, age 54, Weight: 74 Kgs reported that having chest pain and finding it difficult to stand due to chest pain and difficulties in breathing, pulse and temp normal and given rest fm .Vomiting feeling/frequent urination, Dizziness sensation. No fever.

Case scenario 6: Engine crew with headache and eye pain	
Age	28
Blood pressure	112/78
Pulse rate	85
Body temperature	35
Weight	59
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Eye pain
Symptom 2:	head
Description	Deck crew while carrying out routine deck maintenance was hit on the left eye by the air hose, which slipped from the Pneumatic

	chipping gun. The hit was hard to dislodge the goggles, hit the eye and head. The vision of the crew member left eye is blurred, with no sign of bleeding but the redness on the left eye is observed.
Attachment	Please attach images of your choosing (any)

Case scenario 7: 2nd Assistant Engineer with tooth pain	
Age	27
Blood pressure	130 / 75
Pulse rate	73
Body temperature	36
Weight	59
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Eye pain
Symptom 2:	head
Description	2nd Assistant Engineer has developed severe pain due to the Right upper wisdom molar tooth decay and cavity formation. Temperature: 36 C Blood pressure: 130 / 75 Pulse: 73.
Attachment	Please attach images of your choosing (any)

Case scenario 8: Messman with right arm burned/injured	
Age	32
Blood pressure	120/74
Pulse rate	81
Body temperature	36.5
Weight	78
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing

Estimate time to arrive	Please add of your choosing
Symptom 1:	Right arm burned/injured
Symptom 2:	
Description	Messman, while putting drain cleaner in officer pantry suffer chemical burn to right arm. Feel good only normal pain on the arm. After first aid with ice and cream "Girosil cream" Medicine: Amoxicillin 500 mg. (2 for the day)- after 12 hours burned are cleaned with Providone Iodine - Burnshield (paraffin) bandage and fixed bandage
Attachment	Please attach images of your choosing (any)

Case scenario 9: Messman with right arm burned/injured	
Age	32
Blood pressure	120/74
Pulse rate	81
Body temperature	36.5
Weight	78
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Right arm burned/injured
Symptom 2:	
Description	Messman, while putting drain cleaner in officer pantry suffer chemical burn to right arm. Feel good only normal pain on the arm. After first aid with ice and cream "Girosil cream" Medicine: Amoxicillin 500 mg. (2 for the day)- after 12 hours burned arm cleaned with Providone Iodine - Burnshield (paraffina) bandage and fixed bandage
Attachment	Please attach images of your choosing (any)

Case scenario 10: Drowning	
Age	44
Blood pressure	120/70
Pulse rate	72
Body temperature	35.4
Weight	85
Present position	Please add the present position of your choosing
Ship position	Please add latitude and longitude of your choosing
Departure port	Please add a departure port of your choosing
Port of destination	Please add the port of destination of your choosing
Estimate time to arrive	Please add of your choosing
Symptom 1:	Drowning
Symptom 2:	
Description	Ordinary seaman, age 23 yrs, at around 1600 hrs, has fallen in high sea. He was rescued and taken to a ship hospital. Complain giddiness and vomiting sensation, fed him orally liquids, but vomiting it out, vomited twice, complaining of severe pain in the head and seems to be in a daisy semiconscious stage, but responding for questions asked and answering.
Attachment	Please attach images of your choosing (any)