

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	09/12/2024
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 102 & FRAME 104 DAMAGED PORTIONS PRE-INSPECTION AT P.S.A. PASIR PANJANG TERMINAL	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**WEB FRAME 102 (BETWEEN STR. NO. 2 & STR. NO. 3 I.W.O. SL-38 & SL-39)****WEB FRAME 104 (BETWEEN STR. NO. 2 & STR. NO. 3 I.W.O. SL-38, SL-38.1 & SL-39)**

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	09/12/2024
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 STBD WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 1 LOCATION	STATUS	WEB FRAME 101 DAMAGED PORTION PRE-INSPECTION AT P.S.A. PASIR PANJANG TERMINAL	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**WEB FRAME 101 (BETWEEN STR. NO. 3 & SL-35.1 I.W.O. SL-36)**

**K-MARINE ENGINEERING PTE LTD**

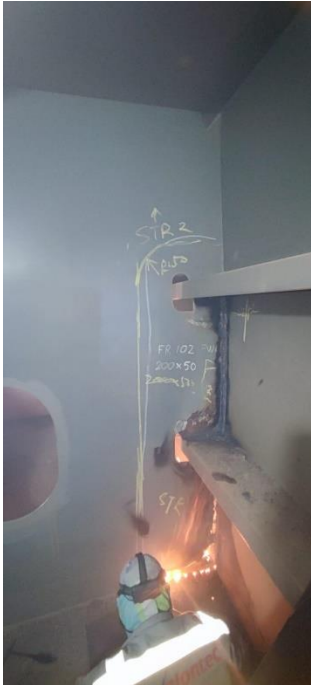
4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	30/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 102 DAMAGED PORTION NEW STEEL INSERTION & FIT-UP INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**NEW STEEL INSERTION IN PROGRESS****FIT-UP INSPECTION**

NOTE : HIGH TENSILE STEEL GRADE ABS/EH36 NEW PLATE INSERTION AT FRAME 102 - 12T X 580W X 2,050H X 1 CORNER 150R X 2 COLLAR PLATES (12T X 200W X 230H) X 1 OFF (BETWEEN STRINGER NO. 2 & STRINGER NO. 3 IN WAY OF SL-38 & SL-39).

**K-MARINE ENGINEERING PTE LTD**

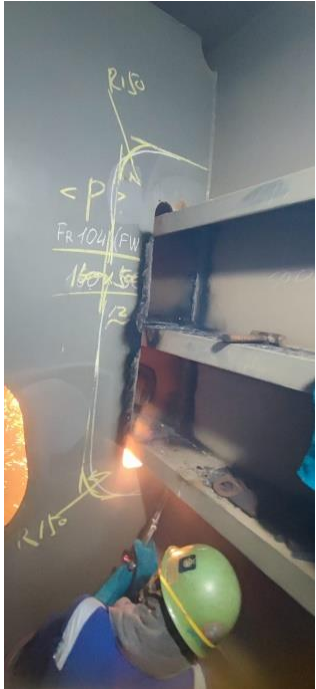
4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	30/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 104 DAMAGED PORTION NEW STEEL INSERTION & FIT-UP INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**NEW STEEL INSERTION IN PROGRESS****FIT-UP INSPECTION**

NOTE : HIGH TENSILE STEEL GRADE ABS/EH36 NEW PLATE INSERTION AT FRAME 104 - 12T X 540W X 1,650H X 2 CORNERS 150R X 3 COLLAR PLATES (12T X 200W X 230H) X 1 OFF (BETWEEN STRINGER NO. 2 & STRINGER NO. 3 IN WAY OF SL-38, SL-38.1 & SL-39).

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 102 & FRAME 104 NEW STEEL INSERTIONS BACK GOUGING INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**WEB FRAME 102****WEB FRAME 104**

NOTE : WEB FRAME DAMAGED PORTION REPAIRED WITH NEW STEEL INSERTION BY FULLY WELDING UP FROM BOTH SIDES WITH THE NECESSARY BACK GOUGING IN GOOD ORDER.

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 102 & FRAME 104 NEW STEEL INSERTIONS WELDMENTS INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**WEB FRAME 102****WEB FRAME 104**

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	30/01 ~ 31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 STBD WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 1 LOCATION	STATUS	WEB FRAME 101 DAMAGED PORTION NEW STEEL INSERTION & FIT-UP INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**NEW STEEL INSERTION IN PROGRESS****FIT-UP INSPECTION**

NOTE : HIGH TENSILE STEEL GRADE ABS/EH36 NEW PLATE INSERTION AT FRAME 101 - 12T X 550W X 1,030H X 1 CORNER 150R X 1 COLLAR PLATE (12T X 200W X 230H) X 1 OFF (BETWEEN STRINGER NO. 3 & SL-35.1 IN WAY OF SL-36).

**K-MARINE ENGINEERING PTE LTD**

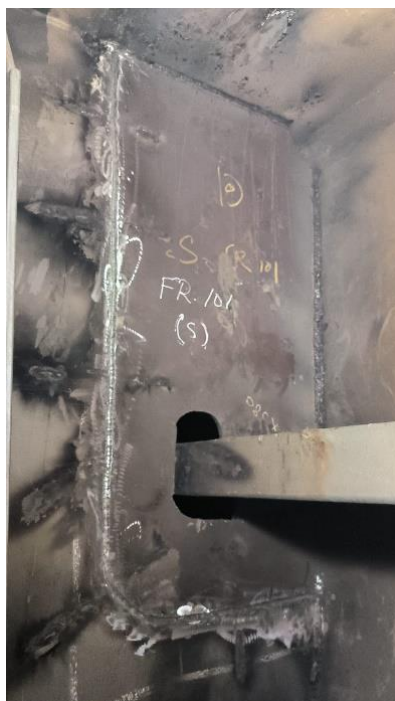
4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 STBD WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 1 LOCATION	STATUS	WEB FRAME 101 NEW STEEL INSERTION BACK GOUGING & WELDMENTS INSPECTION	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.

**BACK GOUGING INSPECTION****WELDMENTS INSPECTION**

NOTE : (1) WEB FRAME DAMAGED PORTION REPAIRED WITH NEW STEEL INSERTION BY FULLY WELDING UP FROM BOTH SIDES WITH THE NECESSARY BACK GOUGING IN GOOD ORDER.
(2) ZINC ANODE (1 OFF) REMOVED & REINSTALLED FOR JOB ACCESS.

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 102 NON-DESTRUCTIVE TEST ON NEW WELDMENTS	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.



NOTE : THE WEB FRAME NEW STEEL INSERTION WELDMENTS PERFORMED MAGNETIC PARTICLES INSPECTION & ULTRASONIC FLAW DETECTION TEST UPON COMPLETION OF PRECEDING WORKS.

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 PORT WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 2 LOCATIONS	STATUS	WEB FRAME 104 NON-DESTRUCTIVE TEST ON NEW WELDMENTS	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.



NOTE : THE WEB FRAME NEW STEEL INSERTION WELDMENTS PERFORMED MAGNATIC PARTICLES INSPECTION & ULTRASONIC FLAW DETECTION TEST UPON COMPLETION OF PRECEDING WORKS.

**K-MARINE ENGINEERING PTE LTD**

4 PENJURU PLACE, #01-17 SINGAPORE 608782

Tel. : +65 6250 2501 Fax : +65 6250 4839

Email : sales@kmarine.com.sg/kmarine@singnet.com.sg

CUSTOMER ORDER REF. : 6089-90143**JOB RECORD**

CUSTOMER		VESSEL	M.V. "MAERSK SHEKOU"	JOB NO.	2064
ITEM	WATER BALLAST NO. 3 WING TANKS WEB FRAME DAMAGED PORTIONS X 3 LOCATIONS	CLASS	L.R.S.	DATE	31/01/2025
MAKE/MODEL	DAEWOO SHIPBUILDING & MARINE ENGINEERING CO., LTD./ 8,400 T.E.U. CONTAINER VESSEL	S. NO.	4177 (HULL NO.)	RECORDED BY	BOBBY LAI
COMPONENT	W.B.T. NO. 3 STBD WEB FRAME DAMAGED PORTION REPAIR BY NEW STEEL INSERTION X 1 LOCATION	STATUS	WEB FRAME 101 NON-DESTRUCTIVE TEST ON NEW WELDMENTS	DIMENSIONS	N.A.
INSTRUMENT	N.A.			I.D. NO.	N.A.



NOTE : THE WEB FRAME NEW STEEL INSERTION WELDMENTS PERFORMED MAGNATIC PARTICLES INSPECTION & ULTRASONIC FLAW DETECTION TEST UPON COMPLETION OF PRECEDING WORKS.