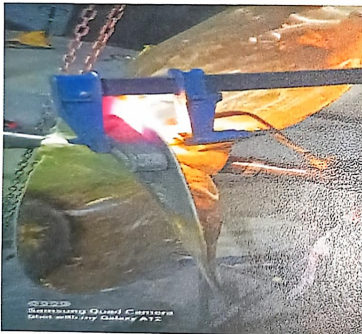


COMPANY NAME:	STARZ INVESTMENT COMPANY LIMITED
VESSEL NAME:	SIKA-4
PROPELLER TYPE:	FIVE BLADES TWO FIXED PROPELLERS
CLIENT ADDRESS:	FEDERAL OCEAN TERMINAL (OGFZA) ONNE, RIVERS STATE NIGERIA
MONTH OF REPAIRS:	FEB. 2025

PROCEDURE FOR HEAT REPAIRS

TASK	PROCEDURE	COMMENTS
1. Re-align deformation on TIP of ZONE A & B blades	1. Cleaning blade with hand brush prior to heating 2. H.P.MACHING	Heating & Alignment of blades completed without defects
	2. Heat applied on affected blades leading edges ranging from 400-450 degrees by heating torch, acetylene and oxygen gas	Deformed blades were properly aligned within acceptable tolerance

PICTURES OF TWO FIXED PROPELLERS UNDERGOING ALIGNMENT



MACHINING OF DUMMY SHAFT FOR DYNAMIC BALANCING OF TWO FIXED PROPELLERS



TAKING WEIGHT OF FIXED PROPELLERS

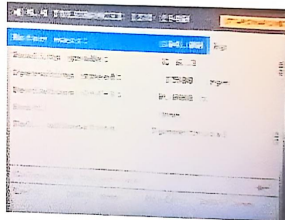
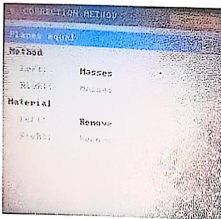
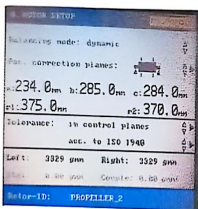
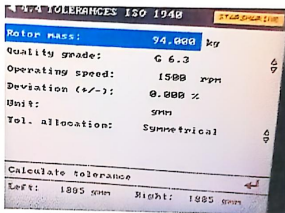
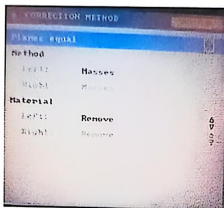
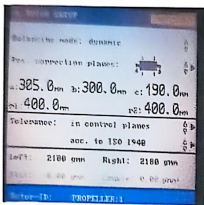


WEIGHT OF FIXED PROPELLER AS SHOWN ON SCREEN 94KG (WITHIN TOLERANCE)



WEIGHT OF FIXED PROPELLER SHOWN ON SCREEN 104KG (WITHIN TOLERANCE)

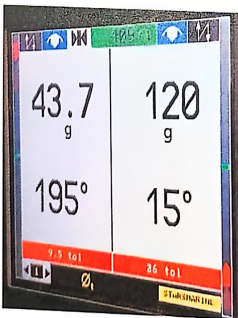
D.M.B DATA READINGS



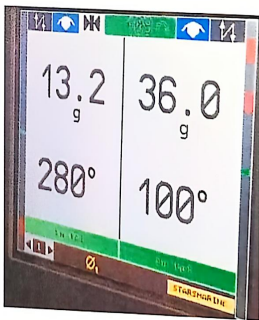
TWO FIXED PROPELLERS SETUP ON DYNAMIC BALANCING MACHINE GRADE 6.3



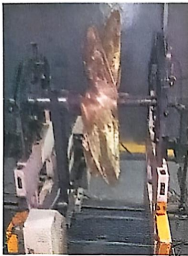
PROPELLER ONE



INITIAL READING OUT OF TOLERANCE



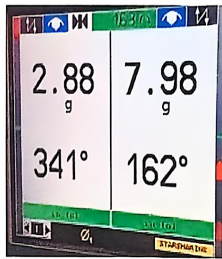
FINAL READING WITHIN TOLERANCE



PROPELLER TWO



INITIAL READING
OUT OF TOLERANCE



FINAL READING
WITHIN TOLERANCE

INITIAL READINGS FROM DYNAMIC BAL. DATA SHEETS, (WITH RED COLOURS ABOVE) SHOWS PROPELLERS ARE OUT OF TOLERANCE

FINAL READINGS SHOWN ON DYNAMIC BAL. DATA SHEETS, (WITH GREEN COLOURS ABOVE) SHOWS PROPELLERS ARE IN TOLERANCE



SCIENCK
Balancing and Diagnostic Systems

ertificate of Calibration

Report No: RPT598.2024.002
Customer: 598
Machine Type: HM48U
Measuring Unit: CAB700
Serial No: RPHF-0201
Calibration Date: 20/02/2024
Next recommended inspection: 19/02/2025
Calibrated by: Ben [Signature]



Email: occupationmarineservices@gmail.com eruditeagrotarppers.ng@gmail.com
Address: PORT-HARCOURT OFFICE: Ewido Office Complex Harbour Road, Opp Eli-Queen oil and gas Chine Town, Onne Port-Harcourt Rivers State. AKWAIBOM OFFICE: 25 Grace Bill Road Eket, Akwaibom State. LAGOS OFFICE: 13 Olaya Street Ship & Shore Victoria Island, Lagos, Nigeria.