



Certificate of Approval

Authorizing a Service Supplier engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

No. SGP0/KZA/20241009094939

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de la Marine & Offshore du Bureau Veritas

Company: **GLOBAL MARINE SAFETY (SINGAPORE) PTE LTD**

Company address*: 16 PENJURU CLOSE
SINGAPORE 608612

Scope of the approval:

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear as per the list included in the attached Schedule of Approval

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 and of IMO Resolution MSC.402(96).

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until**: 21 October 2027

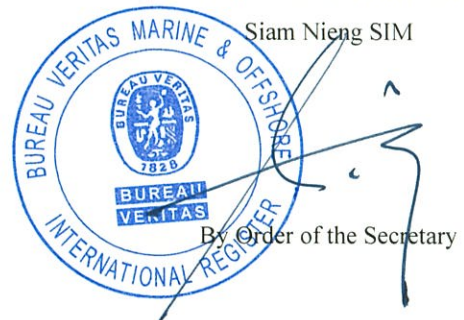
Completion date of the assessment on which this certificate based: 22 October 2024

At: SINGAPORE on 24 October 2024

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS
MARINE & OFFSHORE**

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* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

SCHEDULE OF THE APPROVAL

1-List of equipment : Makes and Types/Models

Equipment	Make	Type/Model	Manufacturer's Licence/Recognition N° (if applicable)
Lifeboat, davit, hook, winch	Jiangyinshi Beihai LSA Co. Ltd	a) Boat: Series of SC, JYB b) Hook: Series of JYBHK c) Davit: Series of SM, SAC, SA, FA, LB, LA, BHGH, PD, FRH, EHRD, SRH, BHGP, RB, HB, HDC, ESAD d) Winch: Series of D, DW, HW, JYBW, FFW	Service No.: JYBHI40905-01; JYBHI70725-01; JYBHI70725- 02
Lifeboat, Rescue boat & Release Gear	Wuxi Hai Hong Boat Making Co.9 Ltd.	a) Totally Enclosed Lifeboat/Rescue Boat Series: HH70C/ HH70T (QFP7.0/QFN7.0), HH85CS/ HH85TS (QFP8.5/QFN8.5), HH65CS/ HH65TS (QFP6.5/QFN6.5), HH75CS/ HH75TS (QFP7.5/QFN7.5), HH80CS/HH80TS (QFP8.0/QFN8.0), HH65C/ HH65T (QFP(H)6.5/QFN(H)6.5), HH50C/HH50T, HH53C/HH53T (QFP(H)5.3), HH75C (QFP(H)7.5, HH85C/HH85T, HH57C/HH57T, b) Freefall Lifeboat Series: HH59FC/HH59FF, HH76FC/HH76FF c) Rescue Boat Series: GJ4.5B / GJ4.5B1 d) High Speed Rescue Boat Series: GJ618A / GJ618B e) Release Gear Series: HH76/ HH43/ HH30/ HH20	Certificate No: HH160723
Lifeboat, Rescue Boat, davit, hook, winch	Jiangsu Jiaoyan Marine Equipment Co. Ltd	a) Free Fall Lifeboat: JY-FN-4.9/ JY-FF-4.9/ JY- FN-5.8/ JY-FF-5.8/ JYM- FN-6.65/ JYM-FF-6.65/ JY- FN-6.8/ JY-FF-6.8/ JY-FN- 7.5/ JY-FF-7.5/ JY-FN-8.5/ JY-FF-8.5/ JY-FN-9.5 b) Rescue Boat: GJ4.2/GJ4.25/GJ4.5/GJ5.0/G J5.25/GJ6.0B-1/GJ6.10/ GJ7.50/GJ8.0Q-2/GJ8.5Q-2 c) Totally Enclosed Lifeboat: JY-QFP/ N-5.0/ JY-QFP/ N- 5.25/ JY-QFP/ N5.6/JY- QFP/ N-6.0A/ JY-QFP/ N- 6.50/ JY-QFP/ N-7.0/ JY- QFP/ N-7.5/ JY-QFP/N-	Certificate No: JSJY2012-3

		7.50A/ JY-QFP/N-8.00/ JY-QFP/ N-8.50/ JY-QFP/ N-8.50X/ JY-QFP/ N-9.35/ JY-QFP/ N-10.90A d) Hook: JX and JXN Series e) Gravity Luffing Arm Type Davit: JYL52/ JYL55/ JYL65/ JYL68/ JYL85/ JYL105/ JYL135 f) Launching Appliance: JYF55/ JYF75/ JYF75-A/ JYF75-B/ JYF90 g) Platform Davit: JYP65/ JYP85/ JYP105/ JYP135 h) Single Arm Davit: JYR21/ JYRC21S-A/ JYRC21/ JYR14/ JYRH14/ JYRH21/ JYR26/ JYR30/ JYR23 i) Electric Boat Winch: FW45/ JYW42/ JYW50/ JYW70/ JYW100/ JYWP70/ JYWP100/ JYWP135/ JYW35/ JYRZ21	
Lifeboat, Rescue boat & Release Gear	GEPA - FIBERGLASS INDUSTRY & TRADE CO. INC	a) Freefall Lifeboats: G-FFF1 & G-FFF1-FP, G-FFF2 & G-FFF2-FP, G-FFF3 & G-FFF3-FP b) Totally Enclosed Lifeboats: G-F6K & G-F6K-FP, G-F4K & G-F4K-FP, G-F3K & G-F3K-FP c) Partially Enclosed Lifeboats: G-F6YK, G-F4YK, G-F3YK & G-F3YK-T d) Open Type Lifeboats: G-F1, G-F2, G-F3, G-F4, G-F5, G-F6 e) Service & Utility Boats: G-GSB1, G-GSB2, G-GSB3, G-GSB4, G-F1-UB, G-F2-UB, G-F3-UB, G-F4-UB, G-F5-UB, G-F6-UB f) Rescue Boats & Hook Release Devices: G-RB1, G-RB1-DE, G-RB3, G-FRB1-O, G-FRB2-O, G-K1, G-K2	Approval No: 365-22/ A-32
Release Hooks	Wuxi Xingsheng Gear Case Factory	Release Hooks: 15KN (XS15), 21KN(XS21), 23KN(XS23), 25KN(X25), 35KN(XS35)	Register No.: XS2333, issue date: 21 Sept 2023
Lifeboat, Rescue Boat, Davit, Release Gear & Winch	Zhejiang Hengxin Ship Equipment Co. Ltd	a) Lifeboat Series: BCC, BCF, BCFC, BCFF b) Rescue Boat Series: GJ, FRH, RH c) Release Mechanism Series: HK d) Davit Series: FH, SA, HDC, LFR, LR, HE, PD, SRH. LB, KN e) Winch Series: DZB, D, DW	Certificate No: 20220602062
Lifeboat, Rescue Boat, Davit & Release Gear	Jiangyin Wolong F.R.P Boat Co. Ltd	a) Totally Enclosed Lifeboat: JY50C/F, JY50CA/FA, JY57C/F, JY60C/E/F, JY65C/F, JY	Certificate No: WL-TC20240401

		70C/F, JY80C/F, JY80CA/FA, JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102/F, Y117C/F b) Free Fall Lifeboat: JY49CF/FF, JY59CF/FF, JY67CF/FF, JY85CF/FF, JY109CF/FF c) Rescue Boat: JY40KR, JY42KR, JY45DR, JY45KR, JY50R, JY54KR, JY60KR, JY65KR, JY75KR, JY85KR d) Partially Enclosed Lifeboat: JY70P, JY80P, JY85P e) Open Type Lifeboat: JY45KR, JY55K, JY65K, JY70K, JY75K, JY80K, JY85K f) Gravity Luffing Arm Type Davit: JY-LE14, JY-LE65, JY-LE85, JY-LE100, LY-LE150 g) Launching Appliance of Free-Fall Lifeboat: JY-FH55, JY-FH70, JY-FH90, JY-FH155 h) Platform Davit: JY-PL70, JY-PL110, JY-PL150, JY-PL185, JY-PL215 i) Single Arm Boat/Raft Davit: JY-SAF21, JY-SAF23, JY-SA23S, JY-SA37S, JY-SR33S, JY-SAF33, JY-HSR23/16, JY-HSR33/23, JY-FCR2066, JY-FCR2305 j) Rescue Boat Davit: JY-PLR21, JY-LFR27, JY-LRHE30, JY-LRHE70, JY-LFR35, LY-SAP14, JY-SAP30 k) Gravity Overhead Rolling Type Davit: JY-HE70, JY-HE95, JY-HE120, JY-HE155 l) Telescopic Boom Type Davit: JY-TBD 120, JY-TBD 215, JY-TBD35 m) Hydraulic Luffing Arm Type Davit: JY-GYE70, JY-GYE120, JY-GYE185 n) Connecting Rod Type Davit: JY-GL70, JY-GL95, JY-GL120, JY-GL185 o) Winch: JY-SAP14, JY-D23Z, JY-D23/16Z, HY-SAFC23, JY-D33/23Z, JY-SAF33, JY-LRHE30, JY-PLR21, JR-LFR27, JR-LRHE70, JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S, JW-DP110S/Z, JY-DP150/Z, JY-DP185, JY-DP215	
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		p) Release Mechanism of Lifeboat / Rescue Boat: HK40, HK40A, HK50B, HK50A, FHK70, HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS	
Davit & Winch for Lifeboat & Rescue Boat	Oriental Inspection & Services Co. Ltd	a) Hinged Gravity Type Davit & Winch: Davit: HGD Series, HGK Series, SHS Series, RTD Series, DHA Series, DMA Series. Winch: BWE Series, SWE Series, WL Series. b) Free Fall Davit & Winch: FD Series, WL Series c) Rescue / Life raft Davit & Winch: RD Series, RDW Series	Certificate no: OPCO-142035 and 172027
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. DAVITS	1. ABAS 2. ACEBI 3. ACOIN 4. ACTA 5. ALEXANDER RYAN 6. ARIM 7. BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) 8. BADA HEAVY INDUSTRIES CO., LTD 9. BIANCHI & CHECCHI 10. BOPP TREUILS JEB 11. COASTAL MARINE EQUIPMENT, INC. 12. CRAMM YACHTING SYSTEMS B.V 13. DAELIM TECHNOLOGY CO. LTD. (HYUNDAI) 14. DAVIT COMPANY 15. DAVIT INTERNATIONAL 16. DENIZSAN 17. DONG NAM ENTERPRISE. CO. LTD. 18. DONGNAM MARINE CRANE CO, LTD. 19. DONGWOO MACHINERY & ENGINEERING CO., LTD. 20. DSB ENGINEERING CO LTD	1. Single arm Slewing (KDE-series, MDE-series) 2. Free fall secondary hydraulic A Frame (TPF-series) 2. Gravity single and twin fall outrigger (A-series, AF-series, PF-series) 2. Single arm Slewing (PFR-series, RRP-series, TPU-series) 2. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (TPF-series, TPU-series) 2. Twin / Single Fall Gravity Rollertrack (GRA-series) 2. Twin Fall Gravity Pivoting / Luffing (SPG-series) 2. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (TPC-series) 3. Single arm Slewing (R18700-series) 4. Free fall secondary hydraulic A Frame (HSC-series) 4. Single arm Slewing (DC-series, DR-series, HSC-series, MOB-series) 5. Gravity single and twin fall outrigger (BH-series) 6. Single arm Slewing (AREH-series, ARPV-series) 6. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (ARPV-series) 6. Twin Fall Gravity Pivoting / Luffing (AHA-series) 7. Free fall secondary hydraulic A Frame (BDF-series, HDFL-series)	Certificate no: 2023/01108

		7. Gravity freefall primary (BDF-series) 7. Single arm Slewing (BDR-series, BLR-series) 7. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (BDA-series, BDFA-series, BFRD-series) 7. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat 7. Telescopic Hydraulic (BDTD-series, TT-series) 7. Twin / Single Fall Gravity Rollertrack (BDTW-series) 7. Twin Fall Gravity Pivoting / Luffing (BDH-series, BDMS-series, HINGED GRAVITY-series) 8. Free fall secondary hydraulic A Frame (HDF-series, HDL-series) 8. Single arm Slewing (BHLRLD-series) 8. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (BDHP-series) 9. Gravity single and twin fall outrigger (PE-series, PET-series) 10. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (BHD-series) 11. Single arm Slewing D-series 12. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (CDT 7000-series) 13. Free fall secondary hydraulic A Frame (FF-740-series) 14. Gravity single and twin fall outrigger (FFFDA-series) 14. Single arm Slewing (SRR-series) 13. Free fall secondary hydraulic A Frame (FF-740-series) 14. Gravity single and twin fall outrigger (FFFDA-series) 14. Single arm Slewing (SRR-series) 15. Free fall secondary hydraulic A Frame (D-FH-series) 15. Gravity freefall primary (D-TF-series) 15. Gravity single and twin fall outrigger (D-FO-series, D-FOS-series) 15. Single arm Slewing (D-BR-series, D-CR.R-series,	
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		D- CRH.R-series, D-CRM-series, D- FOS-series, D-RC-series, D-RC.T- series, D-SR04-series, D.BC.R- series, D.CRE.R-series) 15. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (D-NPS.FR-series, D-NPS.MP-series, D-NPS.SP-series, D-TT.SP.- series) 15. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (D-FP.R-series, D-TT-series, DTT.SP-series) 15. Twin / Single Fall Gravity Rollertrack (D-RT-series) 15. Twin Fall Gravity Pivoting / Luffing (D-NP-series, D-NP.MP-series) 15. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (D-NP-series, D-SP-series) 16. Free fall secondary hydraulic A Frame (DSFDD-series) 16. Single arm Slewing DRBD-series, (DRBLRD-series, DSRBD-series) 16. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (DSFRB-series) 17. Twin Fall Gravity Pivoting / Luffing (DLB-series) 18. Single arm Slewing (DCPV-series, DNRD-series, DRBLRD-series, DRLD-series, DSAC-series, DSAD-series) 18. Twin Fall Gravity Pivoting / Luffing (DHGD-series) 19. Single arm Slewing (DBD-series) 19. Twin Fall Gravity Pivoting / Luffing (DWS-series) 20. Free fall secondary hydraulic A Frame (DSBDF-series) 20. Single arm Slewing (DSB23DR-series) 20. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (DSBARH-series, DSBDP-series, DSBDR-series) 20. Twin Fall Gravity Pivoting / Luffing (DSBDL-series, DSBDTL-series Twin Fall Hydraulic / Pivoting /	
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		Luffing Gravity Lowering (DSBDYL-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. DAVITS	21. EO LIFESAVING 22. FASSMER 23. FASSMER MARLAND 24. FERRI 25. GILBERT & SCHMALRIEDE. GMBH & CO. KG 26. GLOBAL DAVIT 27. GREBEN 28. GURDESAN 29. HAEAN MACHINERY IND. CO. LTD. 30. HANYOUNG ENTERPRISE 31. HARDING (UMO SCHAT HARDING) 32. HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) 33. HARDING (WATERCRAFT) 34. HATECKE (ERNST HATECKE) 35. HOLEN AS 36. IHI MARINE UNITED INC 37. IKNOW MACHINERY (TSUJI) 38. IMT CO., LTD	21. Single arm Slewing (CH-52-series) 22. Free fall secondary hydraulic A Frame (FFH-series) 22. Gravity freefall primary (FLR-series) 22. Single arm Slewing (FSARR-series) 22. Twin Fall Gravity Pivoting / Luffing (FPD-series) 22. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (FMPD-series) 23. Free fall secondary hydraulic A Frame (FFH-series) 24. Single arm Slewing (1872 TN-series) 25. Single arm Slewing (PJ1385-series) 25. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic(PJ-1386-series) 26. Gravity single and twin fall outrigger (GSP.O-series, RSP.O-series) 26. Single arm Slewing FHS-series, (FHS.L-series, FHS.R- series, FHS.R.L-series, FHS.R.L.S-series, FHS.R.S-series, FHS.S-series, LMES.S-series, LML-series, LMS-series, LMS.S- series, R RMS-series, RHL-series, RHP-series, RHS-series, RHS.L- series, RHS.L.S-series, RHS.S- series, RMES.L.S-series, RMES.S-series, RML-series, RMS.L-series, RMS.L.S-series, RMS.S-series) 26. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (RHP-series, RHP.HC-series) 26. Twin / Single Fall Gravity Rollertrack (GLP.RT-series, GSP.RT-series, GSP.RT, GLP.RT-series) 26. Twin Fall Gravity Pivoting / Luffing (GLP.FP-series, GLP.MP-series, GSP.FP-series, GSP.MP-series) 26. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (GLP.FLH-series, GLP.FPH-series, GSP.FLH-	Certificate no: 2023/01108

		series, GSP.FPH-series, RHL-series, RHP-series). 27. Free fall secondary hydraulic A Frame (HFF-series) 27. Gravity single and twin fall outrigger (FOD-series) 27. Single arm Slewing (RLC-series, SAR-series) 27. Twin / Single Fall Gravity Rollertrack (GR-RTD-series) 27. Twin Fall Gravity Pivoting / Luffing (SPG-series) 27. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (GD-PD-series, HD-series) 28. Free fall secondary hydraulic A Frame (GD-FFD-series) 28. Single arm Slewing (GD-KHK-series, GD-RRS-series) 29. Single arm Slewing (HED-PC-series, HHD-PC-series) 30. Single arm Slewing (RESCUE BOAT DAVIT-series) 31. Free fall secondary hydraulic A Frame (FF-series) 31. Gravity freefall primary (FFB-series, LA-series) 31. Gravity single and twin fall outrigger (HD-FL-series, ORD-series) 31. Single arm Slewing (LAR-series, SAR-series, SPR-series, SRR-series) 31. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (SA-series) 31. Twin / Single Fall Gravity Rollertrack (GRA-series, HD-RT-series) 31. Twin Fall Gravity Pivoting / Luffing (HD-SPG-series, HD-VIP-series, SPG(VL)-series) 31. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (SPD-series) 32. Single arm Slewing (MOB-series) 32. Twin / Single Fall Gravity Rollertrack (NT-series) 32. Twin Fall Gravity Pivoting / Luffing (SPG(L)-series)	
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		32. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NPDS-series) 32. Free fall secondary hydraulic A Frame (LA-series) 32. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat 32. Telescopic Hydraulic (NTD-series) 32. Twin / Single Fall Gravity Rollertrack (ND-series) 33. Twin / Single Fall Gravity Rollertrack (WRG-series) 34. Free fall secondary hydraulic A Frame (FFA-series) 34. Gravity freefall primary (FFB-series) 34. Gravity single and twin fall outrigger (GSP.O-series) 34. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (GSP.FP-series) 35. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (KOPAS A-1000-series) 36. Twin Fall Gravity Pivoting / Luffing (MUL-series) 37. Twin Fall Gravity Pivoting / Luffing (HD-series) 38. Single arm Slewing (ILR-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. DAVITS	39. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) 40. JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. 41. JIANGYIN WOLONG F.R.P. BOAT CO. LTD. 42. JIANGYINSHI BEIHAI 43. JUNG-A-MARINE CO., LTD 44. KGW SCHWERINER MASCHINENBAU GMBH 45. KYORITSU KIKAI 46. MACGREGOR (TTS) (HYDRAMARINE) 47. MANSEI 48. MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI)	39. Free fall secondary hydraulic A Frame (JYF-series) 39. Gravity single and twin fall outrigger (JYP-series) 39. Single arm Slewing (JYR-series, JYRCA-series) 39. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (JYA-series) 39. Twin / Single Fall Gravity Rollertrack (JYGR-series) 39. Twin Fall Gravity Pivoting / Luffing (JYL-series) 39. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (JYHG-series) 40. Free fall secondary hydraulic A Frame (NPT-DF-series) 40. Gravity single and twin fall outrigger (NPT-DP-series, NPT-PL-series) 40. Single arm Slewing (NPT-DR-series)	Certificate no: 2023/01108

	49. NANJING DONGSHENG MARINE EQUIPMENT CO., LTD 50. NAVIGATIONS 51. NAVIM GROUP 52. NAVIM GROUP (TECNIMPIANTI S.P.A) 53. NED-DECK MARINE (PALFINGER) 54. NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD 55. NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD 56. NMF 57. NOR DAVIT 58. NOREQ (PALFINGER) 59. NORSAFE	40. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NPT- BE-series, NPT-DR-series) 40. Twin Fall Gravity Pivoting / Luffing (NPT-DL-series, NPT-DP-series, NPT-DYL-series) 41. Free fall secondary hydraulic A Frame (JY-FH-series) 41. Gravity single and twin fall outrigger (JYPL-series) 41. Single arm Slewing (JYSA-series) 41. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (JY-LFR-series, JY-LRHE-series, JY-PLR-series) 41. Twin / Single Fall Gravity Rollertrack (JYHE-series) 41. Twin Fall Gravity Pivoting / Luffing (JYPL-series) 42. Free fall secondary hydraulic A Frame (FA-series) 42. Gravity single and twin fall outrigger (PD-series) 42. Single arm Slewing (SA-series, SAC-series, SMR-series) 42. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (EHRD-series, FRH-series, SRH-series) 42. Twin / Single Fall Gravity Rollertrack (HB-H-series, RB-H-series) 42. Twin Fall Gravity Pivoting / Luffing (BH-G-series, LA-series, LB-H-series) 42. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (BHGH-series) 43. Single arm Slewing (PCRLC-series) 44. Single arm Slewing (RB-series) 45. Free fall secondary hydraulic A Frame (LAF-MUF68-series) 46. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (G-TYPE-series, HMD A32 MK3-series) 46. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (A-TYPE-series, HLD-series, HMC-series, HMD-series)	
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		46. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (T-TYPE-series) 47. Free fall secondary hydraulic A Frame (D-FH-series, FE-series, MFH-series) 47. Single arm Slewing (R-series, RD-series, SAR-series, SR-series) 47. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (HER-series) 47. Twin / Single Fall Gravity Rollertrack (AT-series, GRA-series) 47. Twin Fall Gravity Pivoting / Luffing ABD-series, AH-series, AV-series, CM-series, EH-series, EM-series, M-series) 48. Twin Fall Gravity Pivoting / Luffing (MVD-series, SPG(VD)-series) 49. Single arm Slewing (AR14-series) 50. Single arm Slewing (1,1-series) 51. Gravity single and twin fall outrigger (FDRB-series) 51. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (SPDT-L-series, SPDT-R-series, SPDT-T-series) 51. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (SGHD- L-series, SPHD- T-series) 52. Single arm Slewing (NHRB-series) 53. Free fall secondary hydraulic A Frame (FFH-series) 53. Gravity single and twin fall outrigger (FPG-series) 53. Single arm Slewing (SCH-series, SCM-series, SCT- series, SEC-series) 53. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (PFH-series, PRH-series, PRHE- series) 53. Twin Fall Gravity Pivoting / Luffing (PL-series) 54. Free fall secondary hydraulic A Frame (YZF-series) 54. Single arm Slewing (YZ-series, ZFDZ-series) 54. Twin Fall Gravity Pivoting / Luffing (L-series)	
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		55. Free fall secondary hydraulic A Frame (NMF55KN-series) 55. Gravity single and twin fall outrigger (NMPL-series) 55. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NM-series, NMAR-series) 56. Single arm Slewing (BPK-series, KD.2-series) 57. Gravity single and twin fall outrigger (PL-series) 57. Twin Fall Gravity Pivoting / Luffing (SDP-series) 58. Gravity single and twin fall outrigger (NRD-series) 58. Single arm Slewing (SCH-series, SCH-R-series, SCHD-series, SCM-L-series, SCM -R-series) 58. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NPD-series) 58. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (NPD-series) 59. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NDA-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. DAVITS	60. ORIENTAL PRECISION 61. ORIENTAL PRECISION - SEKIGAHARA 62. PALFINGER 63. PELLEGRINI MARINE EQUIPMENT 64. QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. 65. REDROCK 66. SCHAT HARDING 67. SEC (SHIPS EQUIPMENT CENTRE) 68. SEKIGAHARA 69. SEKWANG MARINE MACHINERY CO, LTD 70. SERVO SHIP S.L 71. SEZAMOR 72. SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION 73. SHIN MYUNG TECH 74. STOCZNIA USTKA SP. Z O.O. 75. SURVIVAL SYSTEMS INT 76. TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD	60. Free fall secondary hydraulic A Frame (FD-series) 60. Single arm Slewing (RD-series, SHS-series) 60. Twin / Single Fall Gravity Rollertrack (RTD-series) 60. Twin Fall Gravity Pivoting / Luffing (DHA-series, DMA-series, HGD-series, HGK-series) 61. Twin Fall Gravity Pivoting / Luffing (SHS-series) 62. Free fall secondary hydraulic A Frame (NPT-DF-series) 62. Gravity freefall primary (FF-series) 62. Gravity single and twin fall outrigger (FPG-series) 62. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (SCH-R-series, SCM-L-series, SCM -R-series) 62. Twin / Single Fall Gravity Rollertrack (NPT-series) Twin Fall Gravity Pivoting / Luffing NPT-series, VIP-series)	Certificate no: 2023/01108

	77. TECHNIMPIANTI S.P.A 78. TSUJI HEAVY INDUSTRIES 79. TTS (HYDRALIFT)	62. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (NPD-series, PFH-series) 63. Single arm Slewing (CHCD 2,507+ RLC 2.1/4.5-series, RLC-series) 63. Twin Fall Gravity Pivoting / Luffing (GRA-series) 64. Free fall secondary hydraulic A Frame (BD-FF-series) 64. Gravity single and twin fall outrigger (BD-PL-series) 64. Single arm Slewing (BD-SA-series, BD-SH-series) 64. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (BD-AR-series) 64. Twin Fall Gravity Pivoting / Luffing (BD-PV-series) 65. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (RDA-series) 65. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (RDT-series) 66. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (FR.P.SP-series) 67. Free fall secondary hydraulic A Frame (HP2-series) 67. Single arm Slewing (HS-series, MS-series) 68. Free fall secondary hydraulic A Frame (SF-series) 68. Single arm Slewing (SSS-series) 68. Twin / Single Fall Gravity Rollertrack (AT-series, STS-series) 68. Twin Fall Gravity Pivoting / Luffing (SFA-series, SFB-series, SFP-series, SHS-series) 69. Single arm Slewing (RBD-series, SINGLE ARM SLEWING-series) 70. Free fall secondary hydraulic A Frame (FFR-20-series) 70. Single arm Slewing (PR4M1100HR-series) 71. Single arm Slewing (ZZ-ZOL-series, ZZ-ZOT-series) 72. Free fall secondary hydraulic A Frame (FH-series) 72. Single arm Slewing (SAF-series)	
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		73. Single arm Slewing (SMLRD-25P-series, SMRB&LRD-FT-series, SMRBD-SD-series, SMRBD&LRD-series, SMRBD&PV- series) 74. Free fall secondary hydraulic A Frame (HZ-series) 74. Gravity freefall primary (PZ-series) 75. Gravity single and twin fall outrigger (PL-series) 76. Free fall secondary hydraulic A Frame (55KN-series) 76. Single arm Slewing (21KN BOAT/RAFT DAVIT-series) 77. Twin / Single Fall Gravity Rollertrack (FRB-series) 78. Single arm Slewing (RP-series) 78. Twin / Single Fall Gravity Rollertrack (T83-series, TC-series) 78. Twin Fall Gravity Pivoting / Luffing (H-series) 79. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (HL-series) 79. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (HL9D-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. DAVITS	80. ULSTEIN FAMA (FAMA GNIEW) 81. VANGUARDE 82. VERHOEF 83. VESTDAVIT 84. VESTDAVIT 85. VIKING (NORSAFE) 86. VIKING (NORSAFE) (JIANGYIN) 87. WELIN LAMBIE 88. WUXI DONGWU 89. WUXI HAIHONG BOAT MAKING CO., LTD 90. WUXI HUAHAI 91. WUXI JIANGNAN MARINE EQUIPMENT CO., LTD 92. WUXI SHENGOU 93. YILMAZ DENIZCILIK 94. YOUNGNAM MACHINERY CO. LTD 95. ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD 96. ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	80. Single arm Slewing (ZO-series, ZT-series) 81. Gravity single and twin fall outrigger (PL-series) 81. Single arm Slewing (HS-series, MS-series, VS-series) 81. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (DH-series, PR-series, PRH-series) 81. Twin Fall Gravity Pivoting / Luffing (LE-series, VL-series) 81. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (PFH-series, SRH-series) 82. Free fall secondary hydraulic A Frame (FL-series) 83. Free fall secondary hydraulic A Frame (PLA-series) 83. Single arm Slewing (L-series) 83. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (P-series, PAP-series, PAPH- series, PL-series, PLAR-series, PLD-	Certificate no: 2023/01108

	97. ZHENJIANG MARINE AUXILIARY MACHINERY WORKS 98. ZHENJIANG DH MARINE EQUIPMENT CO., LTD 99. ZHENJIANG JUST MARINE EQUIPMENT CO., LTD 100. ZHENJIANG MARINE AUXILIARY MACHINERY WORKS 101. ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	series, PLI-series, PLP-series, PLR-series) 83. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (TBD-series) 84. Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic (TBD-series) 85. Gravity freefall primary (SW-series) 85. Gravity single and twin fall outrigger (A-series, C-series, D-series, NDC-series) 85. Single arm Slewing (CH-52-series, NRC-R-series) 85. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (NDA-series, NRB-series) 85. Twin Fall Gravity Pivoting / Luffing (E-series) 85. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (LH-series) 86. Single arm Slewing (NDSC-series, NDSC-R-series) 86. Free fall secondary hydraulic A Frame (HD-series) 87. Single arm Slewing (LRW-series, SARBE-series) 87. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (PIV.1.0A-series) 88. Free fall secondary hydraulic A Frame (F55-F70-series, NPT100F-series) 88. Single arm Slewing (21 - 35KN-series, DCW210-series) 88. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (A30/H35-series) 88. Twin / Single Fall Gravity Rollertrack (25KN - 30KN-series) 88. Twin Fall Gravity Pivoting / Luffing (18KN-110KN-series) 89. Single arm Slewing (23KN-series) 90. Gravity single and twin fall outrigger (PD-series) 90. Single arm Slewing (HMB-series) 90. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (HMDA-series)	
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		90. Twin Fall Gravity Pivoting / Luffing (HMD-series) 91. Single arm Slewing (ZFQ-series) 92. Free fall secondary hydraulic A Frame (SMDF-series) 92. Single arm Slewing (SMC-series, SMD-series) 92. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (HMDA-series) 92. Twin / Single Fall Gravity Rollertrack (SMD-series) 92. Twin Fall Gravity Pivoting / Luffing (SHMDL-series) 93. Single arm Slewing (YDGS-series) 94. Twin Fall Gravity Pivoting / Luffing (YNBD-series) 95. Single arm Slewing (SA23-1-series) 96. Twin Fall Gravity Pivoting / Luffing (YSJ-series) 97. Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering (SRH-series) 98. Single arm Slewing (MSD-series) 99. Free fall secondary hydraulic A Frame (FH-series) 100. Free fall secondary hydraulic A Frame (FH-series) 100. Gravity single and twin fall outrigger (PL-series) 100. Single arm Slewing (HDCL-series, SAF-series, SAFC-series, SAW30-series, ZF-series) 100. Twin Fall Gravity Pivoting / Luffing (L-series) 101. Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic (WME-LRH35-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Release gear	1. BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) 2. BALDEN 3. BC SERVICE 4. CHANG SHENG 5. CRANSTON EAGLE 6. DAE JIN CO. LTD 7. DAVIT INTERNATIONAL 8. FASSMER 9. FERRI	1. Devices For Activating Release: Central Release Unit (BD-LH-series) 1. Devices for activating release: Free Fall Hydraulic Primary and Secondary (BHA-series) 1. Freefall Hydraulic / mechanical (BHA-series) 1. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (BHA-series)	Certificate no: 2023/01108

	10. GEPA 11. GLOBAL DAVIT 12. GREBEN 13. HARDING (UMO SCHAT HARDING) 14. HARDING (UMO SCHAT HARDING) (FAST RSQ) 15. HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) 16. HARDING (UMO SCHAT HARDING) (PALFINGER) 17. HATECKE 18. HATECKE (ERNST HATECKE) 19. HENRIKSEN 20. HLB (HYUNDAI LIFEBOATS) 21. HOEI SENPAKU CO.LTD 22. IHI MARINE UNITED INC	1. Rescue boat offload lift over center (BHR-series) 1. Rescue boat offload w. Onload capability (BHR255- series) 2. Lifeboat on load lift not over centre, flat to flat rotating cams (BD-LBH- series) 2. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (BDHR- series) 3. Devices For Activating Release: Central Release Unit (U HOOK-series) 3. Devices For Activating Release: Hydrostatic Unit with Diaphragm (U HOOK- series) 3. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (U HOOK- series) 3. Rescue boat offload lift over center (U HOOK- series) 4. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (35KN- series) 5. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (APR-356- CB/ CBH-series) 6. Freefall Hydraulic / mechanical (THP-1B-series) 7. Rescue boat offload lift over center (OLH-series) 7. Rescue boat offload w. Onload capability (RH- series) 8. Devices For Activating Release: Central Release Unit (DUPLEX < 6.6T- series, DUPLEX > 6T- series) 8. Devices for activating release: Free Fall Hydraulic Primary and Secondary (FFH-series) 8. Devices For Activating Release: Hydrostatic Unit with Float (DUPLEX < 6.6T-series, DUPLEX > 6T- series) 8. Freefall Hydraulic / mechanical (F-series) 8. Lifeboat on load lift not over centre, Curve to flat rotating cams (DUPLEX>6T-series) 8. Lifeboat on load lift not over centre, forward or	
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		reverse curve to curve rotating cams (DUPLEX<6.6T-series) 9. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (1448-series) 10. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (G-K-series) 11. Lifeboat on load lift not over centre (HRL-series) 11. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (HRL.26-series) 11. Rescue boat offload lift over center (HRN-series) 11. Rescue boat offload w. Onload capability (HR-series) 12. Devices For Activating Release: Central Release Unit (NLH-series) 12. Devices For Activating Release: Electronic Sensor (NLH-series) 12. Lifeboat on load lift not over centre, up and down pins / collars (NLH-series) 13. Devices for activating release: Free Fall Hydraulic Primary and Secondary (FFH-series) 13. Freefall Hydraulic / mechanical (FFH-series) 13. Rescue boat offload w. Onload capability (RRH-series) 14. Fast rescue boat offload / Manual or automatic (CAR-35F-series) 15. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (LH3.5M2-series) 16. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (ARH 23-series) 16. Devices For Activating Release: Central Release Unit (LHR-series, LHR M2-series) 16. Devices For Activating Release: Hydrostatic Unit with Diaphragm (LHR-series, LHR M2-series) 16. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (LHR-series, LHR M2-series)	
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		17. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (SIMPLEX 2.0I OFF LOAD-series) 18. Devices For Activating Release: Central Release Unit (DUPLEX < 6T-series, DUPLEX > 6T-series) 18. Devices for activating release: Free Fall Hydraulic Primary and Secondary (GFF-series) 18. Devices For Activating Release: Hydrostatic Unit with Float (DUPLEX < 6T-series, DUPLEX > 6T-series) 18. Fast Rescue Boat Offload with On-Load Capability (SIMPLEX 1,85-series) 18. Freefall Hydraulic / mechanical (GFF-series) 18. Lifeboat on load lift not over centre, Curve to flat rotating cams (DUPLEX>6T-series) 18. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (DUPLEX<6.6 T-series) 18. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (RAFTI 2.5-series) 18. Rescue boat offload w. Onload capability (SIMPLEX-series) 19.Fast rescue boat offload / Manual or automatic (HCH-series, HMK-series, HMK ST 3,5-series) 20. Devices For Activating Release: Central Release Unit (TALON MK 1-series, TALON MK 2-series) 20. Devices For Activating Release: Hydrostatic Unit with Diaphragm (TALON MK 1-series, TALON MK 2-series) 20. Lifeboat on load lift not over centre, flat to flat rotating cams (TALON MK 1-series) 20. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (TALON MK 2-series) 21. Devices For Activating Release: Central Release Unit (HS-series, HS520 96-series, HS650 96-series)	
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		21. Devices For Activating Release: Hydrostatic Unit with Diaphragm (HS-series, HS 520 96-series, HS650 96-series) 21. Lifeboat on load lift not over centre, Curve to flat rotating cams (HS520 96-series, HS650 96-series) 21. Lifeboat on load lift not over centre, flat to flat rotating cams (HS-series) 21. Lifeboat on load lift not over centre, up and down pins / collars (HS520 83-series, HS650 83-series) 22. Devices For Activating Release: Central Release Unit (JX-1-series) 22. Devices For Activating Release: Hydrostatic Unit with Diaphragm (JX-1-series) 22. Lifeboat on load lift not over centre, up and down pins / collars (JX-1-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Release gear	23. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) 24. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD. 25. JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. 26. JIANGYIN WOLONG F.R.P. BOAT CO. LTD. 27. JIANGYINSHI BEIHAI 28. LALIZAS 29. LSA SERVICE GMBH 30. MADROCK 31. MANSEI 32. NED-DECK MARINE (PALFINGER) 33. NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD 34. NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD 35. NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) 36. NOREQ (PALFINGER) 37. NORMAR 38. NORSAFE 39. OPTIMUN MARINE	23. Devices For Activating Release: Central Release Unit (JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series) 23. Devices for activating release: Free Fall Hydraulic Primary and Secondary (JX-2-series) 23. Devices For Activating Release: Hydrostatic Unit with Diaphragm (JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series) 23. Fast Rescue Boat Offload with On-Load Capability (JXN-3-series) 23. Freefall Hydraulic / mechanical (JX-2-series) 23. Lifeboat on load lift not over centre, up and down pins / collars (JX-1-series, JX-1B-series, JXN- series, JXN-1B-series, JXN-1C-series) 24. Lifeboat on load lift not over centre, up and down pins / collars (JX-1-series, JX-1B-series, JXN- series, JXN-1B-series, JXN-1C-series) 25. Devices For Activating Release: Central Release Unit (NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HCK-series, PN-HKC-series) 25. Devices For Activating Release: Hydrostatic Unit	Certificate no: 2023/01108

	40. PALFINGER 41. PESBO S.A 42. QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. 43. SERVO SHIP S.L 44. SEZAMOR 45. SHIGI SHIPBUILDING CO. LTD. 46. SURVITEC 47. SURVIVAL SYSTEMS INT. 48. T-ISS 49. T-ISS BV 50. TSUNEISHI 51. VANGUARDE 52. VERHOEF 53. VIKING 54. VIKING NORSAFE 55. VIKING (NADIRO) 56. VIKING (NORSAFE) 57. WILLIAM MILLS 58. WUXI MINGZI MACHINERY MANUFACTURING CO., LTD 59. WUXI WENJIAO 60. WUXI XINGSHENG 61. ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	with Float (NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HKC-series) 25. Fast Rescue boat offload (NPT-30 HK-series) 25. Freefall Hydraulic / mechanical (NPT 70HKF-series) 25. Lifeboat on load lift not over centre, Curve to flat rotating cams (NPT-HK-series, NPT 50-series) 25. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (NPT-HKC-series, PN-HKC-series) 25. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (NPT-HK25F-series) 25. Rescue boat offload w. Onload capability (NPT-HK25R-series) 26. Devices For Activating Release: Central Release Unit (HK-series, JX-1-series, LB80MR-series) 26. Devices For Activating Release: Hydrostatic Unit with Diaphragm (JX-1-series, LB80MR-series) 26. Fast Rescue Boat Offload with On-Load Capability (HK-series) 26. Freefall Hydraulic / mechanical (FHK-series) 26. Lifeboat on load lift not over centre, Curve to flat rotating cams (HK-series) 26. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (LB80MR-series) 26. Lifeboat on load lift not over centre, up and down pins / collars (JX-1-series) 27. Devices For Activating Release: Central Release Unit (JYB-HK-series) 27. Devices For Activating Release: Hydrostatic Unit with Diaphragm (JYB-HK-series) 27. Fast Rescue Boat Offload with On-Load Capability (JYB-HK-series) 27. Freefall Hydraulic / mechanical (JYB-HKF-series) 27. Lifeboat on load lift not over centre, Curve to flat	
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		rotating cams (JYB-HK-series) 28. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (LAR 36-series) 29. Rescue boat offload lift over center (LSA-H2,1-series) 30. Devices For Activating Release: Central Release Unit (ROCLOC-series) 30. Devices For Activating Release: Hydrostatic Unit with Float (ROCLOC-series) 30. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (ROCLOC-series) 31. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (RH-series, RH3-series) 32. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (CAR 35-series) 33. Devices For Activating Release: Central Release Unit (HK-series) 33. Lifeboat on load lift not over centre, Curve to flat rotating cams (HK-series) 34. Freefall Hydraulic / mechanical (JX-2-series) 35. Devices For Activating Release: Central Release Unit (IHM 12-series, IHM 13-series, NS-series) 35. Devices for activating release: Free Fall Hydraulic Primary and Secondary (F-series, ML-series) 35. Devices For Activating Release: Hydrostatic Unit with Float (IHM 12-series, IHM 13-series, NS-series) 35. Freefall Hydraulic / mechanical (F-series, ML-series) 35. Lifeboat on load lift not over centre, Curve to flat rotating cams (NS-series, SR-3-series) 35. Lifeboat on load lift not over centre, up and down pins / collars (IHM 12-series, IHM 13-series) 36. Fast Rescue Boat Offload with On-Load Capability (JXN-3-series) 37. Freefall Hydraulic / mechanical (JX-2-series)	
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		38. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (TOR MK 2-S/6 TON-series) 39. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (31-37KN-series) 40. Devices For Activating Release: Central Release Unit (NADIRO D.I.B.SERIES-series) 40. Devices for activating release: Free Fall Hydraulic Primary and Secondary (FFH-series, NPT-series) 40. Fast rescue boat offload / Manual or automatic (CAR-35F-series) 40. Freefall Hydraulic / mechanical (FFH-series) 40. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (CAR 35-series) 40. Rescue boat offload w. Onload capability (RRH-series) 41. Freefall Hydraulic / mechanical (BSL-series) 42. Devices For Activating Release: Central Release Unit (BG-series) 42. Devices For Activating Release: Hydrostatic Unit with Diaphragm (BG-series) 42. Freefall Hydraulic / mechanical (BG-F-series) 42. Lifeboat on load lift not over centre, flat to flat rotating cams (BG-series) 42. Rescue boat offload w. Onload capability (BG-2R-series) 43. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (200-series) 44. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (HS-series) 44. Rescue boat offload lift over center (HLR-series) 45. Devices For Activating Release: Central Release Unit (SRS-series, SZK-30-series, SZK-5- series) 45. Devices For Activating Release: Hydrostatic Unit with Float (SRS-series, SZK-30-series, SZK-5- series) 45. Lifeboat on load lift not over centre, Curve to flat rotating cams (SRS-series)	
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		45. Lifeboat on load lift not over centre, up and down pins / collars SZK-series, (SZK-25M-series, SZK-30-series, SZK5-series) 46. Devices For Activating Release: Central Release Unit (SAFELAUNCH-series) 46. Devices For Activating Release: Hydrostatic Unit with Diaphragm (SAFELAUNCH-series) 46. Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams (SAFELAUNCH-series) 46. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (SLA 3.5-series) 47. Devices For Activating Release: Central Release Unit (SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series) 47. Lifeboat on load lift over centre (SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series) 48. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (31-37 KN-series) 49. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (PX02-series, PX01-series) 49. Rescue boat offload w. Onload capability (PX03-series) 50. Devices For Activating Release: Central Release Unit (43GS-1-series) 50. Devices For Activating Release: Hydrostatic Unit with Diaphragm (43GS-1-series) 50. Lifeboat on load lift not over centre, up and down pins / collars (43GS-1-series) 51. Devices For Activating Release: Central Release Unit (C-SAFE-series, SH-series) 51. Devices For Activating Release: Hydrostatic Unit with Diaphragm (C-SAFE-series, SH-series) 51. Lifeboat on load lift not over centre, Curve to flat rotating cams (C-SAFE-series, SH-series)	
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		52. Devices for activating release: Free Fall Hydraulic Primary and Secondary (TWISTLOCK-series) 52. Freefall Hydraulic / mechanical (TWISTLOCK-series) 53. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (RCH 36-series) 54. Fast Rescue boat offload VIKING (1.6-series) 55. Lifeboat on load lift over centre (DIB-series) 56. Devices For Activating Release: Central Release Unit (NADIRO D.I.B-series, TOR MK 1-series, TOR MK 2-series) 56. Devices For Activating Release: Electronic Sensor (NADIRO D.I.B-series) 56. Devices for activating release: Free Fall Hydraulic Primary and Secondary (GES-series, HRS-series, NFFH- series) 56. Devices For Activating Release: Hydrostatic Unit with Diaphragm (TOR MK 1-series, TOR MK 2- series) 56. Fast Rescue boat offload (K4-series) 56. Freefall Hydraulic / mechanical (HRS-series, NFFH-series) 56. Lifeboat on load lift not over centre, flat to flat rotating cams (TOR MK 1-series, TOR MK 2-series) 57. Devices For Activating Release: Central Release Unit (TITAN-series) 57. Devices For Activating Release: Hydrostatic Unit with Diaphragm (TITAN-series) 57. Lifeboat Offload release lift over centre (EMPRESS-series) 57. Lifeboat on load lift not over centre, flat to flat rotating cams (TITAN-series) 58. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (25KN-series, 31-37KN-series) 58. Rescue boat offload w. Onload capability (15KN-series)	
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		59. Fast Rescue Boat Offload with On-Load Capability (HK-series) 60. Rescue boat / Davit Launched Liferaft / Lift over centre automatic (XS-series) 60. Rescue boat offload w. Onload capability (XS15-series) 61. Fast Rescue Boat Offload with On-Load Capability (HK40-series) 61. Lifeboat on load lift not over centre, Curve to flat rotating cams (HK-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Survival Craft, Rescue Boats (Incl. Fast Rescue Boats)	1. ACEBI 2. AMBAR MARINE 3. AVON 4. BALDEN 5. BEIYANG BOATBUILDING CO.LTD 6. BIANCHI & CHECCHI 7. BROOKER 8. CASTOLDI S.R.L. 9. DAFER (NARWHAL) 10. DELTA 11. DSB DEUTSCHE SCHLAUCHBOOTE 12. DSB ENGINEERING CO LTD 13. ESVAGT 14. FASSMER 15. FASSMER MARLAND 16. GEPA 17. GREBEN 18. HARDING (UMO SCHAT HARDING) 19. HARDING (UMO SCHAT HARDING) (PALFINGER) 20. HARDING (WATERCRAFT) 21. HARDING BOAT BUILDING (QINGDAO) CO., LTD.(UMO SCHAT HARDING) 22. HATECKE (ERNST HATECKE) 23. HLB (HYUNDAI LIFEBOATS) 24. HOEI SENPAKU CO.,LTD 25. IHI MARINE UNITED INC 26. JAPAN MARINE UNITED CORP 27. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	1. Partially enclosed lifeboat, twin fall (PELB-series) 1. Totally enclosed lifeboat, twin fall, tanker version (TELB-series) 2. Rescue Boat, single fall (AM420-series) 3. Rescue Boat, single fall (RB-series, SR-series) 4. Totally enclosed lifeboat, freefall BD-FFC-series, (BD-FFT-series) 4. Totally enclosed lifeboat, twin fall, dry version (BD-LB-series) 4. Totally enclosed lifeboat, twin fall, tanker version (BD-LB-series) 5. Totally enclosed lifeboat, twin fall, dry version (20 TECB-series) 6. Partially enclosed lifeboat, twin fall (PE-series) 7. Totally enclosed lifeboat, single fall (CA-series) 8. Rescue Boat, single fall (JET TENDER 18 RB-series) 9. Fast Rescue Boat, single fall (FRB-series) 9. Rescue Boat, single fall (FRB 700-series, FRB 900-series, SV-series) 10. Rescue Boat, single fall (COMET-series, PHANTOM-series) 11. Rescue Boat, single fall (IRB-series) 12. Partially enclosed lifeboat, twin fall (DSBP-series) 12. Rescue Boat, single fall (DSBRB-series, DSBRFA-series) 12. Totally enclosed lifeboat, freefall (DSBFC-series, DSBFF-series) 12. Totally enclosed lifeboat, twin fall, dry version (DSBC-series)	Certificate no: 2023/01108

	28. JIANGYIN NEPTUNE 29. JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. 30. JIANGYIN WOLONG F.R.P. BOAT CO. LTD. 31. JIANGYIN XINJIANG 32. KANG NAM. CORPORATION 33. MARE SAFETY AS 34. MARITIME PARTNERS 35. MARITME PARTNERS (HUKKELBERG BOATS) 36. MULDER EN RIJKE	12. Totally enclosed lifeboat, twin fall, tanker version (DSBF-series) 13. Rescue Boat, single fall (ALU 460 F-series) 14. Fast Rescue Boat, (single fall FRR-series) 14. Partially enclosed lifeboat, twin fall (CL-P- series, PLL-series, PLT- series, SEL-series) 14. Rescue Boat, single fall (FRIR-series, RR-series) 14. Totally enclosed lifeboat, freefall (CFL-series, GAR- series, GAR-T- series) 14. Totally enclosed lifeboat, twin fall, dry version (CL- series, CLR-series, CLX- series, GMR-series) 14. Totally enclosed lifeboat, twin fall, tanker version (CL- series, CLR-series, CLX- series, DRAGON-series, T- GMR- series) 15. Rescue Boat, single fall (RR-series) 15. Totally enclosed lifeboat, freefall (CFL-C-series, CFL- T-series) 15. Totally enclosed lifeboat, twin fall, dry version (DRAGON C-series, HH-C- series) 15. Totally enclosed lifeboat, twin fall, tanker version (DRAGON F-series, HH-T- series) 16. Fast Rescue Boat, single fall (G-FRB-series) 16. Partially enclosed lifeboat, twin fall (G-FYK- series) 16. Rescue Boat, single fall (G-RB-series) 16. Totally enclosed lifeboat, freefall (G-FFF-series) 16. Totally enclosed lifeboat, twin fall, dry version (G-FK- series) 16. Totally enclosed lifeboat, twin fall, tanker version (GFK-FP-series) 17. Partially enclosed lifeboat, twin fall (PEL- series) 17. Rescue Boat, single fall (RB-series) 17. Totally enclosed lifeboat, freefall (FFL-series) 17. Totally enclosed lifeboat, twin fall, dry version (TEL- series)	
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		17. Totally enclosed lifeboat, twin fall, tanker version (TEL-FP-series) 18. Partially enclosed lifeboat, twin fall (CTL-series, ML-series, MPC-series) 18. Rescue Boat, single fall (MOB 4.5A-series) 18. Totally enclosed lifeboat, freefall (FF-series) 18. Totally enclosed lifeboat, twin fall, dry version (MCF-series) 18. Totally enclosed lifeboat, twin fall, tanker version (MCB-series, MCM-series) 19. Totally enclosed lifeboat, freefall (HARDING-LBF-series) 19. Totally enclosed lifeboat, twin fall, dry version (LBT-C-series) 19. Totally enclosed lifeboat, twin fall, tanker version (LBT-T-series) 20. Partially enclosed lifeboat, twin fall (MOB-series, MOBAC-series, PELB-series, PERB-series) 20. Totally enclosed lifeboat, freefall (WFF-series) 20. Totally enclosed lifeboat, twin fall, tanker version (MK 1-series, MK 2-series, MK 3-series, MK 4-series, MK 5-series) 21. Totally enclosed lifeboat, twin fall, dry version (TECB-series) 22. Partially enclosed lifeboat, twin fall (PEL-series, PL-series) 22. Rescue Boat, single fall (FRB-series, RB-series) 22. Totally enclosed lifeboat, freefall (GFF-series) 22. Totally enclosed lifeboat, twin fall, dry version (GSL-T-series) 22. Totally enclosed lifeboat, twin fall, tanker version (GSL-T-series) 23. Fast Rescue Boat, single fall (HDFR-series) 23. Rescue Boat, single fall (HDR-series) 23. Totally enclosed lifeboat, freefall (HDF25T-series, HDFL740F-series, HDFN-F-series, HDFN-T-series) 23. Totally enclosed lifeboat, twin fall, dry version (HDL-series, HLB-series, HT78-series)	
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		23. Totally enclosed lifeboat, twin fall, tanker version (HDL-series, HDL-CF-series, HLB-series) 24. Totally enclosed lifeboat, twin fall, dry version (HS-series) 24. Totally enclosed lifeboat, twin fall, tanker version (HS650F-series, HSF-series) 25. Open lifeboat, twin fall (G-series) 25. Totally enclosed lifeboat, twin fall, dry version (GTC-series, GTC-C-series) 25. Totally enclosed lifeboat, twin fall, tanker version (GT-F-series, GTC-F-series, GTR-F-series) 26. Totally enclosed lifeboat, twin fall, dry version (GF-series) 26. Totally enclosed lifeboat, twin fall, tanker version (GTR-series) 27. Rescue Boat, single fall (GJ-series) 27. Totally enclosed lifeboat, freefall (JY-FF-series, JY-FN-series, JYM-FF-series) 27. Totally enclosed lifeboat, twin fall, dry version (JY-QFN-series, JY-QFP-series) 27. Totally enclosed lifeboat, twin fall, tanker version (JY-QFN-series, JY-QFP-series) 28. Totally enclosed lifeboat, twin fall, dry version (NPT-C-series, SC-series) 28. Totally enclosed lifeboat, twin fall, tanker version (NPT-F-series) 29. Fast Rescue Boat, single fall (NPT-RA-series) 29. Partially enclosed lifeboat, twin fall (NPT-P-series, NPT-PT-series) 29. Rescue Boat, single fall (NPT-R-series, NPT-RA-series, NPT-RB-series, NPT-RFA-series) 29. Totally enclosed lifeboat, freefall (NPT-FA-series, NPT-FC-series, NPT-FCA-series, NPT-FF-series) 30. Open lifeboat, twin fall (JYK-series) 30. Partially enclosed lifeboat, twin fall (JYP-series) 30. Rescue Boat, single fall (JYDR-series, JYKR-series) 30. Totally enclosed lifeboat, freefall (JYCF-series, JYFF-series)	
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		30. Totally enclosed lifeboat, twin fall, dry version (JYC-series, JYCA-series) 30. Totally enclosed lifeboat, twin fall, tanker version (JYF-series, JYFA-series) 31. Rescue Boat, single fall (GJ-series, GJ- B-series) 31. Totally enclosed lifeboat, freefall (JY-FN-series) 31. Fast Rescue Boat, single fall (JYB-G-series, JYB-Q-series) 31. Open lifeboat, twin fall (JYB-K-series) 31. Partially enclosed lifeboat, twin fall (JYB-B-series) 31. Rescue Boat, single fall (JY-BR-series, JYB-KR-series, SC- K-series, SC-KR-series) 31. Totally enclosed lifeboat, freefall (JYB-FC-series, JYB-FF-series) 31. Totally enclosed lifeboat, twin fall, dry version (JYB-C-series) 31. Totally enclosed lifeboat, twin fall, tanker version (JYB-F-series) 32. Totally enclosed lifeboat, twin fall, dry version (GTB-series) 33. Fast Rescue Boat, single fall (GTC 700-series) 33. Rescue Boat, single fall (RB-series) 34. Fast Rescue Boat, single fall (WEEDO 600-series) 34. Fast Rescue Boat, single fall (ALUSAFE 1200 DC-series, ALUSAFE 700-series, ALUSAFE 770-series, ALUSAFE 900-series, SEA BEAR 23-series, WEEDO 17 SOLAS-series, WEEDO 700-series) 35. Fast Rescue Boat, single fall (SPRINGER-series) 36. Partially enclosed lifeboat, twin fall (PELB-series, PTL-series) 36. Totally enclosed lifeboat, single fall (TELB-S-series) 36. Totally enclosed lifeboat, twin fall, tanker version (TELB-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions.	37. NARWHAL 38. NARWHAL (DAFER) 39. NED-DECK MARINE (PALFINGER)	37. Rescue Boat, single fall (SV-series) 38. Fast Rescue Boat, single fall (SV-series) 39. Rescue Boat, single fall (NMD 4.40 RESCUE-series)	Certificate no: 2023/01108

Survival Craft, Rescue Boats (Incl. Fast Rescue Boats)	40. NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD 41. NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD 42. NISHI-F CO., LTD., (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) 43. NOREQ 44. NOREQ (PALFINGER) 45. NORMAR 46. OY FISKARS AB 47. PALFINGER 48. PESBO S.A 49. QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. 50. SHIGI SHIPBUILDING CO. LTD. 51. STOCZNIA USTKA SP. Z O.O. 52. SURVITEC 53. SURVIVAL SYSTEMS INT 54. TSUNEISHI 55. TSUNEISHI (KAMBARA RINGYO) 56. TSUNEISHI (SANYO WORKS) 57. VALIANT 58. VANGUARDE 59. VEB SCHIFFSWERFT RECHLIN/MURITZ 60. VIKING (NORSAFE) 61. VIKING (NORSAFE) (JIANGYIN) 62. VIKING NEUVISA 63. WATERCRAFT (WATERCRAFT HELLAS) 64. WATERMAN OY 65. WHITTAKER 66. WUXI HAIHONG BOAT MAKING CO., LTD 67. WUXI WENJIAO 68. ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD 69. ZHENJIANG JUST MARINE EQUIPMENT CO., LTD 70. ZHENJIANG MARINE AUXILIARY MACHINERY WORKS 71. ZODIAC (SURVITEC)	39. Totally enclosed lifeboat, twin fall, tanker version (NPT-series, PN85F-series) 40. Fast Rescue Boat, single fall (YZRA-series, YZRB-series) 40. Open lifeboat, twin fall (BJ-series) 40. Rescue Boat, single fall (BJ-series, YZ-series) 40. Totally enclosed lifeboat, freefall (YZFC-series, YZFF-series) 40. Totally enclosed lifeboat, twin fall, dry version (YZC-series) 40. Totally enclosed lifeboat, twin fall, tanker version (YZF-series) 41. Rescue Boat, single fall (NM43R-series, NM45R-series) 41. Totally enclosed lifeboat, freefall (NM58FF-series, NM59FC-series) 41. Totally enclosed lifeboat, twin fall, dry version (NM-series) 42. Fast Rescue Boat, single fall (FRP-series) 42. Open lifeboat, twin fall (NF-series, NFA-series) 42. Partially enclosed lifeboat, twin fall (PML-series) 42. Totally enclosed lifeboat, freefall (FF-series) 42. Totally enclosed lifeboat, twin fall, dry version (CML-series, EML-series, G-TR-series) 42. Totally enclosed lifeboat, twin fall, tanker version (CML-series, EML-series, G-FR-series) 43. Partially enclosed lifeboat, twin fall (LBP-series) 44. Fast Rescue Boat, single fall (FRB-series) 44. Rescue Boat, single fall (RRB-series) 44. Totally enclosed lifeboat, freefall (LBF-series) 44. Totally enclosed lifeboat, twin fall, tanker version (LBT-series) 45. Fast Rescue Boat, single fall (FRC-series) 45. Rescue Boat, single fall (RESCUE-series) 45. Totally enclosed lifeboat, freefall (JY-FF 4.9 TO 8.5C-series, JY-FF 4.9 TO 8.5T-series)	
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	72. ZODIAC HURRICANE 73. ZODIAC MILPRO INTERNATIONAL	46. Totally enclosed lifeboat, twin fall, dry version (TELB-series) 46. Totally enclosed lifeboat, twin fall, tanker version (TELB-series) 47. Fast Rescue Boat, single fall (FRSQ-series) 47. Partially enclosed lifeboat, twin fall (CTL-series, MPC-series, NPT-T-series) 47. Rescue Boat, single fall (RSQ-series) 47. Totally enclosed lifeboat, freefall (FF-series, NPT-FC-series, NPT-FF-series) 47. Totally enclosed lifeboat, twin fall, dry version (KISS-C-series, NPT-F-series) 47. Totally enclosed lifeboat, twin fall, tanker version (KISS-T-series, NPT-C-series) 48. Totally enclosed lifeboat, freefall (BSL-series) 48. Totally enclosed lifeboat, twin fall, dry version (BSC-series) 49. Fast Rescue Boat, single fall (BH-HR7-series, FRB-series) 49. Partially enclosed lifeboat, twin fall (BH10-series) 49. Rescue Boat, single fall (BH-R-series) 49. Totally enclosed lifeboat, freefall (BH-F-series) 49. Totally enclosed lifeboat, twin fall, dry version (BH-series) 49. Totally enclosed lifeboat, twin fall, tanker version (BH-series) 50. Fast Rescue Boat, single fall (FRP-series) 50. Open lifeboat, twin fall (SZGM-series, SZGO-series) 50. Partially enclosed lifeboat, twin fall (SZP-series, SZPR-series) 50. Rescue Boat, single fall (SZRS-series, VOX46-series) 50. Totally enclosed lifeboat, freefall (FEL-series, GARS-series) 50. Totally enclosed lifeboat, twin fall, dry version (SZBR-series) 50. Totally enclosed lifeboat, twin fall, tanker version (SZTR-series)	
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		51. Fast Rescue Boat, single fall (FRB-series) 51. Rescue Boat, single fall (R-series, RIB-series) 51. Totally enclosed lifeboat, freefall (FFB-series) 51. Totally enclosed lifeboat, twin fall, dry version (Z-series) 52. Fast Rescue Boat, single fall (SC60RA-series) 52. Totally enclosed lifeboat, freefall (FF-series) 52. Totally enclosed lifeboat, twin fall, dry version (SC-series) 52. Totally enclosed lifeboat, twin fall, tanker version (SC-series) 53. Fast Rescue Boat, single fall (FRB-series) 53. Totally enclosed lifeboat, single fall (CA-series) 54. Totally enclosed lifeboat, twin fall, dry version (TL-TE-series) 55. Totally enclosed lifeboat, twin fall, dry version (KL-TE-series) 55. Totally enclosed lifeboat, twin fall, tanker version (KL-FP-series) 56. Totally enclosed lifeboat, twin fall, dry version (TE-series) 56. Totally enclosed lifeboat, twin fall, tanker version (FP-series) 57. Rescue Boat, single fall (RB-450-series) 58. Fast Rescue Boat, single fall (VG-FRK-series, VG-FRW-series) 58. Rescue Boat, single fall (VG-DRS-series, VG-KR-series) 58. Totally enclosed lifeboat, twin fall, dry version (VG-C-series) 58. Totally enclosed lifeboat, twin fall, tanker version (VG-F-series, VG-HLB-series) 59. Totally enclosed lifeboat, twin fall, dry version (GAL-series) 60. Fast Rescue Boat, single fall (470 GRP-series, MAGNUM-series, MAKO-series, MERLIN-series, MIDJET-530 MK II WATER JET- series) 60. Partially enclosed lifeboat, twin fall (MINIMA-series)	
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		60. Rescue Boat, single fall (MAKO-series, MERLIN-series, MIDGET-series) 60. Totally enclosed lifeboat, freefall (JYN-F-series) 60. Totally enclosed lifeboat, twin fall, dry version (JYN-C-series, JYN-MKI-series, MAGGIE-C-series, MATILDA-C-series, MAUD-C-series, MAXIMA-C-series, MIRAM-C-series) 60. Totally enclosed lifeboat, twin fall, tanker version (JYN-T-series, MAGGIE-T-series, MATILDA-T-series, MAUD-T-series, MAXIMA-T-series, MIRAM-T-series) 61. Rescue Boat, single fall (MATRIX-series) 61. Totally enclosed lifeboat, freefall (GES-series) 62. Fast Rescue Boat, single fall (RR-40-series) 63. Rescue Boat, single fall (4.9M-RB-series) 63. Totally enclosed lifeboat, twin fall, dry version (MK 5-series) 64. Partially enclosed lifeboat, twin fall (365-series, 367-series, 391-series, 393-series) 64. Totally enclosed lifeboat, twin fall, tanker version (351-series, 366-series, 366HRL-series, 368-series, 371-series, 371HR-series, 377-series, 379-series) 65. Totally enclosed lifeboat, single fall (CA-series) 66. Open lifeboat, twin fall (BH-series, BJ-series) 66. Rescue Boat, single fall (GJ-series) 66. Totally enclosed lifeboat, freefall (HH-FC-series, HH-FF-series) 66. Totally enclosed lifeboat, twin fall, dry version (HH-C-series, HH-CS-series) 66. Totally enclosed lifeboat, twin fall, tanker version (HH-T-series, HH-TS-series) 67. Fast Rescue Boat, single fall (WJ-RA-series, WJ-RB-series) 67. Open lifeboat, twin fall (BH-series, BJ-series, WJ-series) 67. Rescue Boat, single fall (GJ-series) 67. Totally enclosed lifeboat, freefall (WJFF-series,	
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		WJFFC-series, WUXI WENJIAO / WJFFC-series) 67. Totally enclosed lifeboat, twin fall, dry version (WJBC-series) Totally enclosed lifeboat, twin fall, tanker version (WJBF-series) 68. Rescue Boat, single fall (GJ-series) 68. Totally enclosed lifeboat, freefall (BCFC-series, BCFF-series, FL-C- series, FL-F-series) 68. Totally enclosed lifeboat, twin fall, dry version (BCF-series) 68. Totally enclosed lifeboat, twin fall, tanker version (BCC-series) 69. Rescue Boat, single fall (ZJM-4.0-series) 69. Totally enclosed lifeboat, freefall (ZJM-FF-series) 70. Fast Rescue Boat, single fall (YH-FRB-series) 70. Rescue Boat, single fall (YH-FRA-series, YH-R-series) 70. Totally enclosed lifeboat, freefall (YH-series) 70. Totally enclosed lifeboat, twin fall, dry version (YH-QFP-series) 70. Totally enclosed lifeboat, twin fall, tanker version (YH-DR-series) 71. Fast Rescue Boat, single fall (RIB-series) 71. Rescue Boat, single fall (H472S-series, RIBO-series) 72. Rescue Boat, single fall (H561 PROLUXE-series) 73. Rescue Boat, single fall (RIBO-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Winches	1. ACEBI 2. ACOIN 3. ACTA 4. ALEXANDER WELIN 5. BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) 6. BADA HEAVY INDUSTRIES CO., LTD. 7. BOPP TREUILS JEB 8. BREVINI 9. CRAMM YACHTING SYSTEMS B.V 10. DAVIT COMPANY 11. DAVIT INTERNATIONAL 12. DINAMIC OIL 13. DONG NAM ENTERPRISE., CO LTD	1. Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads (TBE-series) 1. Single drum Gravity lowering electric hoisting life raft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (TR-series) 1. Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads (TBE-series)	Certificate no: 2023/01108

	14. DONGNAM MARINE CRANE CO.,LTD. 15. DONGWOO MACHINERY & ENGINEERING CO., LTD. 16. EO LIFESAVING 17. FASSMER 18. FASSMER MARLAND 19. FERRI 20. GLOBAL DAVIT 21. GREBEN 22. GURDESAN	2. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (BE-2- series) 3. Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads (KNT-series) 4. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (AIW- series) 5. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (BDF-series, BLW-series, BMW- series, BRW-series) 5. Single Drum, hydraulic- lowering/hydraulic hoisting (HDF-series) 5. Twin Drum, gravity- lowering/ electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads (BA-series, BM-series, ELEC. MOTOR DRIVEN- series, PWD- series) 5. Twin Drum, gravity- lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads (BDTW- series, BMW-series, BW- series, BWR-series) 6. Single drum Gravity lowering electric hoisting life raft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (BHI-EHW- series, BLW-series) 7. Single Drum, hydraulic- lowering/hydraulic hoisting (BHP 4200-series) 8. Single Drum, hydraulic- lowering/hydraulic hoisting (PWD-series) 9. Twin Drum, gravity- lowering/ electrically hoisting w / static brake cone	
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		/disk / pads / band / decent brake centrifugal w pads (BWF1500-series) 10. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (16 EV-series, SRR-series) 10. Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads (24EPB-series) 11. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (01KN-series, 02KN-series, 03 KN-series, 04KN-series, 07KN-series) 11. Single Drum, hydraulic-lowering/ hydraulic hoisting (06KN-series) 11. Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads (12-series, 40-series) 12. Single Drum, hydraulic-lowering/hydraulic hoisting (FWH-series) 13. Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads (HLW-series) 14. Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads (DSAD-series) 14. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (DRBD-series, DRBLRW-series) 15. Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads (DBD-series) 15. Twin Drum, gravity-lowering/ electrically	
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		hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (LW-series) 16. Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads (W-series) 17. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (DEW-series) 17. Single Drum, hydraulic-lowering/hydraulic hoisting (FFWH-series) 17. Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake hydraulic pump (FDW-series) 17. Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated/ decent brake hydraulic pump (FDW-series) 18. Single Drum, hydraulic-lowering/hydraulic hoisting (FFWH-series) 19. Single drum Gravity lowering electric hoisting life raft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (1702 TN-series, 1722 TN-series) 20. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (10KN-series, W01KN-series, W02KN-series, W03KN-series, W04KN-series, W08KN-series) 20. Single Drum, hydraulic-lowering/hydraulic hoisting (02H.06.01-series, W05HC-series, W08HC-series, WS-series) 20. Twin Drum, gravity-lowering/electrically hoisting w / static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (14KN-series, 20KN-series, 26KN-	
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		series, W07KN-series, W10KN- series) 21. Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads (EW-2-series) 21. Single Drum, hydraulic-lowering/hydraulic hoisting (HW-series) 21. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone / disk/ pads/ band/ decent brake centrifugal w pads (BE-series, CW-series, EW-series) 22. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (GD-FLW-series) 22. Single Drum, hydraulic-lowering/hydraulic hoisting (GD-HC-A-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Winches	23. HAEAN MACHINERY IND. CO. LTD. 24. HARDING (UMO SCHAT HARDING) 25. HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) 26. HARDING (UMO SCHAT HARDING) (PALFINGER) 27. HARDING (WATERCRAFT) 28. HATECKE (ERNST HATECKE) 29. HYDRALIFT 30. IHI MARINE UNITED INC 31. IKNOW MACHINERY 32. IMT CO., LTD 33. JAPAN MARINE UNTIED CORP. 34. JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) 35. JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. 36. JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	23. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (HMI-series) 23. Single Drum, hydraulic-lowering/hydraulic hoisting (HHD-PC-series) 24. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (HD-series, MW-series) 24. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes, multiple disks, hydraulically operated/ decent brake hydraulic pump (CW-series) 25. Single Drum Gravity lowering electric hoisting lifeboat/ rescue boat/ static brake pad, cone, disk, band/ decent brake centrifugal pads (16 EBR-series) 25. Single drum Gravity lowering electric hoisting life raft / rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (08-02-	Certificate no: 2023/01108

	37. JIANGYINSHI BEIHAI 38. JUNG-A-MARINE CO., LTD 39. MACGREGOR (TTS) (HYDRAMARINE) 40. MANSEI 41. MANSEI INDUSTRY CO LTD 42. MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI) 43. NANJING DONGSHENG MARINE EQUIPMENT CO., LTD 44. NAVIM GROUP (TECNIMPIANTI S.P.A) 45. NED-DECK MARINE (PALFINGER) 46. NOR DAVIT 47. NOREQ (PALFINGER) 48. NORSAFE	series, FM 194-series, FME-series) 25. Single Drum, hydraulic-lowering/hydraulic hoisting (EW-02-PL-series) 25. Twin Drum, gravity-lowering/electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (BE-series) 26. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes, multiple disks, hydraulically operated/ decent brake hydraulic pump (W-series) 27. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (MW-series, NW-series) 28. Single Drum, hydraulic-lowering/ hydraulic hoisting (07.02.08-series, FFA-series) 29. Single Drum, hydraulic-lowering/ hydraulic hoisting (SP-series) 30. Single Drum, hydraulic-lowering/hydraulic hoisting (SP-series) 31. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (EB-series) 32. Single Drum Gravity lowering electric hoisting lifeboat/ rescue boat/ static brake pad, cone, disk, band/ decent brake centrifugal pads (ILR-W-series) 33. Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (MU-series) 34. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric ca / decent brake centrifugal pads (JYRZ-series) 34. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake	
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		centrifugal w pads (JYW-series, JYWP-series) 35. Single Drum Gravity lowering electric hoisting lifeboat/ rescue boat/ static brake pad, cone, disk, band/ decent brake centrifugal pads (NPT-DW-series) 35. Single Drum, hydraulic-lowering/hydraulic hoisting (NPT-DF-series) 35. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (NPT-DS-series, NPT-DW-series) 36. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (JY-D 23Z-series) 36. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (JYD-series) 37. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (YZ-series) 37. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (DS-series, DW-series, DZ-series, JYBW-series) 38. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (PCRLC-series) 39. Single Drum, hydraulic-lowering/ hydraulic hoisting (HMW-series) 40. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake	
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		centrifugal pads (ERW-series, MLW-series, RMW-series, SW-series) 40. Single Drum, hydraulic-lowering/hydraulic hoisting (06KN-series, FW-series) 40. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (AW-series, CMW-series, EW-series, MW-series) 40. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (ABW-series, FBW-series) 41. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (MW-7S & MW-7CS-series) 42. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (LBH-series, RBH-series) 43. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (DB14-series) 44. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (RBEW-series) 45. Single Drum Gravity lowering electric hoisting lifeboat/ rescue boat/ static brake pad, cone, disk, band/ decent brake centrifugal pads (04-series) 45. Single drum Gravity lowering electric hoisting life raft/ rescue boat / static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (BREVINI BWC 050-series, BREVINI BWF 025-series, HWCT-series) 45. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent	
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		brake centrifugal w pads (15-series) 46. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (SP-series) 47. Single Drum, hydraulic-lowering/ hydraulic hoisting (NW-series) 48. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (NW-series)	
Equipment certified by Authorized Service Provider CRALOG in accordance with ISO 23678:2022-See remark at Other Conditions. Winches	49. ORIENTAL PRECISION 50. PALFINGER 51. PELLEGRINI MARINE EQUIPMENT 52. QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. 53. SEC (SHIPS EQUIPMENT CENTRE) 54. SEKIGAHARA 55. SEKWANG MARINE MACHINERY CO, LTD 56. SERVO SHIP S.L 57. SURVIVAL SYSTEMS INT. 58. TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD 59. TECHNIMPIANTI S.P.A 60. TMA 61. TSUJI HEAVY INDUSTRIES 62. ULSTEIN FAMA (FAMA GNIEW) 63. VERHOEF 64. VESTVINSJ 65. VIKING (NORSAFE) 66. VIKING (NORSAFE) (JIANGYIN) 67. WELIN LAMBIE 68. WUXI DONGWU 69. WUXI HUAHAI 70. WUXI HUAHAI MARINE EQUIPMENT LIMITED CO. LTD 71. YILMAZ DENIZCILIK 72. YOUNGNAM MACHINERY CO. LDT 73. ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD	49. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (RDW-series) 49. Single Drum, hydraulic-lowering/ hydraulic hoisting (WL-series) 49. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (BWE-series, SWE-series) 50. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes, multiple disks, hydraulically operated/ decent brake hydraulic pump (CW-series, W-series) 51. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (RLC-series) 51. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (VAS 45 E-series) 52. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (BW-SC-series)	Certificate no: 2023/01108

	74. ZHENJIANG DH MARINE EQUIPMENT CO., LTD 75. ZHENJIANG MARINE AUXILIARY MACHINERY WORKS 76. ZHENJIANG WEST MARINE EQUIPMENT CO., LTD 77. ZOLLERN	52. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (BW-HL-series, BW-HR-series, BW- LL-series) 53. Single drum Gravity lowering electric hoisting life raft/ rescue boa / static brake pad, cone, disk, eccentric ca / decent brake centrifugal pads (WL-series) 54. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (SNW-series, SWE-series) 55. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (RBW-series) 56. Single Drum, hydraulic-lowering/ hydraulic hoisting (FFRW 4500KG-series) 57. Single Drum Gravity lowering electric hoisting lifeboat/ rescue boat/ static brake pad, cone, disk, band/ decent brake centrifugal pads (W-series) 58. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (21KN-series) 59. Single Drum, hydraulic-lowering/ hydraulic hoisting (HW-series) 60. Single Drum, hydraulic-lowering/ hydraulic hoisting (TN/MW-series) 61. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (TC-series) 61. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (EB-series) 62. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake	
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		pad, cone, disk, eccentric cam/ decent brake centrifugal pads (ER10B-series, ERM-series) 63. Single Drum, hydraulic-lowering/ hydraulic hoisting (FL 50-series) 64. Single Drum, hydraulic-lowering/ hydraulic hoisting (A-273-7-series, BW-series) 65. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (W-series) 66. Single Drum, hydraulic-lowering/ hydraulic hoisting (HYD-FF-series) 66. Single Drum, hydraulic-lowering/ hydraulic hoisting (HYD-FF-series) 67. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (5619-series, 9502-series, PIV.1.0A-series, RBW-series) 67. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (53-series, 55-series, 97-series) 68. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (DS/Z-series, DZ-series) 69. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (HMW-series) 70. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (MW-series) 71. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric	
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		cam/ decent brake centrifugal pads (YDGS 10-series) 72. Twin Drum, gravity-lowering/ electrically hoisting w/ static brake cone/ disk/ pads/ band/ decent brake centrifugal w pads (YNBW-series) 73. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (YZ-series) 74. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (DW-series) 75. Single drum Gravity lowering electric hoisting life raft/ rescue boat/ static brake pad, cone, disk, eccentric cam/ decent brake centrifugal pads (SAF-series) 75. Single Drum, hydraulic-lowering/ hydraulic hoisting (SAW30-series) 75. Twin Drum, gravity-lowering/ electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads/ decent brake centrifugal w pads (D-series, DP-series) 76. Single Drum, hydraulic-lowering/ hydraulic hoisting (WME-LRH35-series) 77. Single Drum, hydraulic-lowering/ hydraulic hoisting (A2FM45-61A-series, ZHP-series, ZR-series)	
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2- Certified Quality System in accordance with ISO 9000 series: ☒ Yes ☐ No

3- List of Subsidiaries / Agents covered by this certificate

4- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported .
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates , without written notification to the Society.
- Where the periodic audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

5- Other conditions

"The acceptance of this service supplier on board a given ship, for which personnel are certified by Authorized Service Provider-CRALOG in accordance with ISO 23678:2022, is subject to the ship's Flag State acceptance. The make and model of the lifeboat, rescue boat, launching appliances and release gear are listed in this certificate."

6- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date: