Certificate No: LR2679001AS
Issue Date: 04/12/2025
Expiry Date: 04/12/2028

Lloyd's Register Approved Service Supplier

Supplier Denray Marine (A division of Hutchwilco Limited)

Address 10 Farmhouse Lane St Johns, Auckland, 1072, New Zealand

Contact Details Waana Smith (Mrs)

waana@denray.co.nz

Contact Number +64 9 940 4522

The above company having been assessed hereby receives approval in accordance with the requirements of Lloyd's Register Procedures for Approval of Service Suppliers as Supplier from the address(es) listed above for the provision of

Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear

This Service Supplier has been approved to service the equipment in accordance with IMO Resolution MSC.402(96), as amended.

Service engineers are to be provided with a valid Certificate, issued by this Approved Service Supplier, which defines their level of qualification and the scope of the certification (i.e. makes and types of equipment and specifically state which activities (e.g. annual thorough examination and operational tests; 5-year thorough examination, overhaul; overload operational tests; repairs) are covered by the certification). This Certificate should be made available when requested.

Flag Authorization: The Republic of Liberia,Panama Maritime Authority & Bahamas Maritime Authority

Davit International
D-F, free fall davit only,
D-TF & D-FH/FG, free falldavit,
D-RT, roller track davit only,
D-FO, fixed offshore davit,
D-BC, D-BR, rescue boat davit,

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Choon Seow Lim

Senior Surveyor to Lloyd's Register International
A member of the Lloyd's Register group

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
D-RC, D-RB, raft handlingdavit, D-CL, D-CR, D-NPS.SP, D-SRrescue boat davit, D-NP excl D-NP.MP &D-NP.SP normal pivot davit, D-NPS.SP rescue boat davit, Crane: C-F Series – crane for freefall boat, C-S Series – crane for boathandling, Rescue Boat Hook: d-i RH series, d-i OLH Series Liferaft Hook: d-i OLRH series, Sezamor HSseries Liferaft/rescue boat hook: Palfinger ARH & CARSeries, T-ISS PX Series **Fassmer** Davit Launched TotallyEnclosed Lifeboats: T = Tanker Version GMR 5.9, TGMR 5.9, GMR 6.5,TGMR 6.5, GMR 7.4, TGMR 7.4, GMR 8.3,TGMR 8.3, CLR-C 5.9, CLR-T: 5.9, CLR-C 6.4, CLR-T 6.4, CLR-C6.8, CLR-T 6.8, CLR-C 7.2, CLR-T 7.2 CLR-C7.6, CLR-T 7.6, CLR-C 8.1, CLR-T 8.1, CLR-C 8.5, CLR-T 8.5, CL-C 8.9,CL-T: 8.9, CL-C 9.4, CL-T 9.4, CL-C 9.8, CL-T 9.8. CL-C 10.2, CL-T10.2, CL-C 10.7, CL-T: 10.7, CL-C 11.1, CL-T 11.1, CL-C 11.5, CL-T11.5, CL-C 11.9, CL-T 11.9, CL-C 12.4, CL-T 12.4, CL-C 12.8, CL-T12.8, CL-C 13.2, CL-T 13.2, CLX(R) 8.5, CLX 10.0, CLX 11.7, CLX 12.8 FreefallLifeboat: T = Tanker Version CFL 4.9,CFL-T 4.9, GAR 6.0, GAR-T 6.0, GAR6.8, GAR-T 6.8, GAR 6.7, GAR-T6.7, GAR7.4, GAR-T 7.4, GAR 8.1, GAR-T 8.1, GAR7.7, GAR-T7.7, GAR 8.5, GAR-T 8.5, CFL-C 66, CFL-T 66, CFL-C 72, CFL-T 72,CFL-C 77, CFL-T 77, CFL-C 83, CFL-T 83 Partially Enclosed Lifeboats: CL-P 5.9, CL-P 6.4, CL-P 6.8,CL-P 7.2, CL-P 7.6, CL-P 8.1, CL-P 8.5, CL-P 8.9,CL-P 9.4, CL-P 9.8, CL-P 10.2, CL-P 10.7, CL-P 11.1, CL-P 11.5,

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
CL-P11.9, CL-P 12.4, CL-P 12.8, CL-P 13.2, SEL 8.15, SEL 8.8, SEL 9.6, SEL 10.5,SEL 10.55, SEL 11.80, SEL 12.5, SEL-R 8.15, SEL 15.75, SEL-T 10.75 Partially Enclosed Lifeboats –Tender boats: TL LIMO1100, SEL-T 11.0, SEL-T 11.7, SEL-T 12.3, SEL-T 14.0, SEL-T14.7, SEL-T 15.75, PLL 1099, PLT-EVO 170 Partially Enclosed Lifeboats,Tender boat, and Rescue boat: SEL-RT7.7, SEL-RT 7.5, SEL-RT 8.5, Partially Enclosed Life- andCrew Tender boats SE 11.0 (-T), Partially EnclosedLife-/Rescue-/Work-/Tender-Boats SEL-R 7.4, SEL-R 8.5 Rigid Rescue Boat: RR 4.2, RR 4.2-M, RR 4.5 ID Rescue Boat: RIR625ID Fast Rigid Rescue Boat: FR(1)R 6.1, FR(1)R 6.1 ID, FRR6.2 ID, FRR 6.5 ID-SF, FRR 6.6 ID, FRR 7.0 ID-SF, FRIR 6.25, FRR7.0 NAVY RHIB: SFB 10.1 Freefall Lifeboat ReleaseMechanism: FFRU 6.6 Offload rescue Boat Hook: FOH 27, FOH 30, FOH 70 Onload Release Gear: Duplex25E2, Duplex 2.5E, 2.5T, Duplex 50E2, Duplex 5.0E, 5.0T Duplex60E2, Duplex 6.6E, Duplex 10E, 10T Duplex140E2, Duplex 14E, 14T Duplex17E, 17T Duplex180E2, Duplex 230E2, Duplex 23E, 23T FassmerHydraulic Davit: FHD 80,FHD 100, FHD 120, FHD 130, FHD 150, FHD 170, FHD 172, FHD 280, FHD 450

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
Hinged Davit: FHDY 100 Freefall Davit: FFH 45, FFH 65 Pivot Davit FPD 55, FPD 60, FPD 100, FPD80, FPD 120, FPD 150, FPD 170, FFD D60 Freefall Davit: FFH 49, FFH 50, FFH 60, FFH66, FFH 70, FFH 72, FFH 75, FFH 77, FFH 80, FFH 83, FFH 85, FFH 90 Freefall Ramp: FLR 49, FLR 66, LFR 8005, FLR8006, FLR 8007 Multi Pivot Davit: FMPD 100, FMPD 130, FMPD 150,FMPD 160 Outrigger Davit: FOD 100, FOD 120, FOD 130, FOD150, FOD 170, FOD 190, FOD 40R, FOD 50, FOD 55, FOD80, FOD LBC 300, FOD SAR 40, FOD-R 22, FOD-R 23, FOD-R 25, FOD-R 40,FOD TC 450 Rescue Boat Davit: FOSV 71, FSAH 22, Rescue Boat Crane: FSAH 28, FSAH 32, FSAR 12/3.5,FSAR 14/2.9, FSAR 14/3.5, FSAR 21/4.0, FSAR 21/4.5, FSAR 22/4.5, FSAR 28, FSAR40, Rescue Boat / Liferaft Crane: FSARR 14/3.5, FSARR 21/3.8,FSARR 21/4.0, FSARR 21/4.3, FSARR 22/4.0 Fassmer Winch: DEW 40, DEW 85, DEW 2000 Fassmer Winch/ Rescue boatcrane: DEW 8, FWD 40 RB, DEW 150 FRC Crane: PRHE 30 Fassmer Freefall Winch FFWH Global Davit

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
Freefall LB & Lifeboathandling: Fhs. /Rms. /Rhs. /Rhp. /Rht./Rsp. /Gsp. /Glp. Lms. /Lhs. /Lht. /Lgp. Winches: WnnHC. / WnnL. / WnnR. / WnnM./ WnnE. Release Gear HRN.12 /HRN.28. /HRL.26 **Hatecke** Lifeboat: GFF, GFF-T, GSAR,GSL, GSL-T (Fast) Rescue Boat: RB AB, RBAB Duplex, RB AB FH, RB IB, RB/FRB AB FH Launching Appliances: FFA, FFALP, FFB, Gsp.O, GspFP, Gsp.FLH, W,07, W10, W26 Release Gears: Duplex: Duplex 2.6, Duplex3.0, Duplex 3.5, Duplex 4.3/4.6, Duplex 6.0, GFF: GFF-R-10, GFF-R-11,GFF-R-8, FAFTI: FAFTI 2.5 Simplex: Simplex 2.0 Off-load,Simplex 2.0 to Simplex 2.0i, Simplex 3.0, Simplex 4.3, Simplex 6.0 **Hyundai** LB & RB SERIES OF: HD, HT,HDL, HLB; HDF, HDFL, HDFN; HDR & HDFR RELEASE MECHANISM SERIES OF;THP, TALON & TALON II BADA Heavy Industries DAVIT SERIES OF: DRM, BDH,BDTD, BDHP, BDTW, BDRW, BDM & BFOD SERIES OF HDFL, HDF, BDF, BDR,BDH, BDA, BDFA; BDL, BDR, BLR & BHI WINCH SERIES OF DRM, DRBW,BAW, BDF, BHI, BLW, BMW, BRW, BWL, BWR, FHW & RLD RELEASE MECHANISM SERIESOF BDR, BHA & BHR **Oriental** Hinged Gravity Type Davit Series: HGD, HGK, SHS, RTD, DHA, DMA Free Fall Davit: FD Series Rescue / Liferaft Davit: RD Series Hinged Gravity Type Winch Series: BWE, SWE, WL Rescue / Liferaft Winch: RDW Series

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
Free Fall Winch: WL Series **PALFINGER** Palfinger as Manufacturer has taken legal and legitimate responsibilities for the following OEM brand names, these Makes are part of the training: ACTA Beiyang Boatbuilding Co Björke Båtbyggeri Davit Company Edgewater Machine &Fabricators Fast RSQ Fiskars Georg Eide Sonner Harding Safety AS LAR Launch and Rescue Maseco Mulder & Rijke Ned-Deck Marine Palfinger Ned-Deck Palfinger Marine Schat Schat Davits Schat-Davit Company Schat-Harding Schat London Schat-Watercraft SEC Davits Umoe-Schat Harding Viking Marine Watercraft Waterman William Mills Marine **Zhengjiang**

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Maintenance, thorough Examination, Operational Testing, Overhaul and Repair of Lifeboats and Rescue Boats, Launching Appliances and Release Gear
Gravity DavitLE45-1/LE55-1/LE65-1/LE85-1/LE100-1/LE138-1/LE170-1/HE65/HE85/HE100/HE138/H170/ RE50/RE60/RE80/RE100/SRH65/SRH85/SRH100/ SRH120/SRH150/SRH170/SRH200/SRH230/GL65/GL85/GL110/GL138/GL165/TG65/ TG85/TG110/TG150/TG170/TG200/TG230/HT80/HT100/HT150/HT210/LC400/ RC60-EB Launching appliance davit FH55/FH70/FH75/FH85/FH100 Single arm davit and crane:SAF14/SAF21/SAFC21/SAFC25/SA21/SA32/ HDCL2-6.5/HDCL3-6/HDCL3-10/LA25/LA35/SH-21/DH30 Off-shore davit:PL65/PL85/PL100/PL110/PL120/PL138/PL150/PL180/PL200/PL230 Fast rescue boat davit:LFR30/LFR35/LFR55/LFRH30/LEFR50/LFRH60/DH30/SAWH30/SAWH45/ SAWH60 Boat Winch:D21KN/D25KN/D35KN/D48KN/D63KN/D65KN/D80KN/D100KN/ D120KN/DP65KN/DP85KN/DP100KN/DP110KN/DP120KN/DP138KN/DP150/ DP180KN Totally Enclosed Lifeboat:YH5.0QFP/YH5.0QFN/YH6.5QFP/YH6.5QFN/YH8.5QFP /YH8.5QFN/YH8.5QFP-A/ YH8.5QFN-A /YH10.3QFP/YH10.3QFN/YH9.5QFP/YH9.5QFN/YH12.0QFP /YH12.0QFN/YH9.9BFP/YH12.5BFP/ZZHG-BF-12.5 Free Fall Lifeboat: YH5.9FP/YH5.9FN/YH6.7FP/YH6.7FN/YH7.5FP/YH7.5FN/YH8.5FP/YH8.5FN Fast rescue boat:YH6.0FRA/YH6.0FRB/YH6.5FRA/YH6.5FRB Rescue boat:YH4.5R/YH4.5DR/YH7.5 Hook:HK25/HK25B/HK40/HK40C/HK65/SH55/SH70/SH85 Handle release hook 15KN,Automatic release hook 21KN/23KN/25KN/35KN **Viking – Norsafe** RB/FRC/Liferaft Davits NDA, NDC, NDSC, NRB, NRC **Viking – Norsafe(Jiangyin –Jorgensen & Vik –)** Winch NW-NO, NW, NWR

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Watercraft Hellas Lifeboat Davit A, C, D, E, GRA, H, LH, LHD,ND-SPG, NDC-L, SPGL Rescue Boat / FRC GRP1, Magnum, Mako, Matrix, Merlin, Midget, MOB, RIB-450, RIB-500, WHFRB Freefall Davit: H, HD, SW Release Gear: 1.6T on-load/off-load, DIB,HK, HRS, K4, NFFH, NLH, RCH, TOR Freefall Lifeboat: GES Conventional Lifeboat: 11.5 PE, 8.5 PE, Evolution, JYN, Maggie, Maria, Mathilda, Maud, Maxima, Mina, Miriam, MKV, Watercraft 378 **The following makes and types are approved based on ISO 23678: 2022 International Standard:** **Jiangsu Jiaoyan** Lifeboats: JY-QFP7.0; JY-QFN8.5X; JYQFN700; JY-QFP7.5A; JY-FN-6.80; JYM-FN-6.65 Launching Appliances: JYL85; JYR14; JYR21; JYRC21;JYF75-A; RZ-21 Rescue Boats: GJ4.25; GJ4.2 Release Gear: JXN-1B/56KN; JYF75-A; JY2-55-KN;JX-2 **Jiangyinshi Beihai** Lifeboats: JYB50F; JYB85B; JYB57C Launching Appliances: LB65(H) ; LB120C; D25Z; SA25 Rescue Boats: SC45KR Hooks: JYB-HK40NA/40KN;JYB-HK; JYN-HK20NA/20KN **Mansei** Launching Appliances: M-73; D-FH.65; SR-2/SW-2 Release Gear: RH-3 **Wuxi** Launching Appliances: 25KN Rescue Boats: WJ4.5KR Hooks: 21-35KN

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Brig Inflatables
Rescue Boats: WS

Watercraft
Rescue Boats: WHFRB

Xtenders
Rescue Boats: Solas Rescue Boats

Rib-X
Rescue Boats: SOLAS/MED 5m
EBI Cranes
Launching Appliances: F600

Fassmer Marland
Rescue Boats:RR4.2
Lifeboats: CFL-C72(E)
Launching Appliances: FMAH 22KN FFH72
Hooks: 2.5E2/2.5

Zhengjiang Machinery
Launching Appliances:SAF21; Single Arm Davit

Technimpianti
Launching Appliances: D25Z; HV18
Viking Norsafe
Rescue Boats: Midget 500 MKII
Hooks: K4-D

Ribeye
Rescue Boats: PRIME 6.2M SOLAS JET
Survitec Zodiac

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Rescue Boats: RIBO 450 EC NEO **Staal Art** Tender Crane:Rescue Tender Boat Crane20N/36N **Dongnam** Rescue Boat Davit: Single Arm Slew; DSB Rescue Boat: DSB 420 IRB **XING SHEN** Hooks: XS15; XS21 **HENRICKSEN** Hooks: HCH1.5 **BC SERVICES** Hooks: U-HOOK3T-15T

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures. This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to above.

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