

## CERTIFICATE OF APPROVAL OF SERVICE SUPPLIER

CERTIFICATE NO. SSU009823YU rev. 1

*This is to certify that*

**HSS MARINE SAFETY SERVICES LTD**

1-3 SPATHARIKOU STREET, MESA YEITONIA  
4004 Limassol CYPRUS

*Has been approved in compliance with the  
RINA "RULES FOR THE CERTIFICATION OF SERVICE SUPPLIERS"  
for the supply of the following services to ships and other units classed by RINA:*

**N - Maintenance, thorough examination, operational testing,  
overhaul and repair of lifeboats and rescue boats, launching  
appliances and release gear**

Date of the audit: **13 Nov 2023**  
Issued in **LIMASSOL**  
on **13 Dec 2023**

*This Certificate is valid from the date of the audit until*  
**12 Nov 2026**

*This certificate consists of this sheet plus an attachment.*



This is an electronically signed document and does not require a handwritten signature.

**Andreas PAPALIMNEOS**

**RINA Services S.p.A.**



RINA Services S.p.A.  
Via Corsica, 12 - 16128 Genova  
Tel. +39 010 53851  
Fax +39 010 5351000

**ATTACHMENT TO  
CERTIFICATE NO. SSU009823YU rev. 1**

**VALIDITY CONDITIONS**

**N - Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear**

This service supplier is certified according to the 'RINA Rules for the Certification of Service Suppliers' to carry out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear in accordance with SOLAS Regulation III/20 for the list of makes and models/series of equipment in the attached Annex N.

Note 1: For the purpose of application of IMO Resolution MSC.402(96), including Corr.1, the service supplier is to be authorized by the Flag Administration under which the ship is registered.

For Flag Administrations which have authorized RINA as their Recognized Organization and accept RINA 'Certificate of Approval of Service Supplier' as equivalent to their authorization document to the Service Provider, according to the IMO Resolution MSC.402(96), including Corr.1, this Certificate may be accepted also for statutory purpose, in lieu of the Flag's authorization document to the Service Provider, allowing the firm to provide their services on the makes and models/series of equipment listed in the Annex N to this Certificate.

***General conditions for the approval***

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessments
- c) RINA personnel are to be allowed to witness during the performance of activities, upon their request
- d) The activities are to be carried out in compliance with the RINA Rules and or other applicable rules
- e) RINA may revoke the approval at any moment in the case of modifications to requirements or conditions for the approval



This is an electronically signed document and does not require a handwritten signature.

**Andreas PAPALIMNEOS**

**RINA Services S.p.A.**



# Annex N

## List of makes and types of equipment

Attached to Certificate No. SSU009823YU

The Service Supplier is approved by RINA for performing services such as maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear, in accordance with SOLAS Reg. III/20, for the following equipment:

| EQUIPMENT | MAKE  | TYPE  | MODEL  |
|-----------|---|---|--|
| DAVIT     | ABAS  | Single arm Slewing  | KDE-series, MDE-series                       |
| DAVIT     | ACEBI   | Free fall secondary hydraulic A Frame                     | TPF-series                                   |
| DAVIT     | ACEBI   | Gravity single and twin fall outrigger                    | A-series, AF-series, PF-series               |
| DAVIT     | ACEBI   | Single arm Slewing  | PFR-series, RRP-series, TPU-series           |
| DAVIT     | ACEBI   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | TPF-series, TPU-series                       |
| DAVIT     | ACEBI   | Twin / Single Fall Gravity Rollertrack                    | GRA-series                                   |
| DAVIT     | ACEBI   | Twin Fall Gravity Pivoting / Luffing                      | SPG-series                                   |
| DAVIT     | ACEBI   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | TPC-series                                   |
| DAVIT     | ACON  | Single arm Slewing  | R18700-series                                |
| DAVIT     | ACTA  | Free fall secondary hydraulic A Frame                     | HSC-series                                   |
| DAVIT     | ACTA  | Single arm Slewing  | DC-series, DR-series, HSC-series, MOB-series |
| DAVIT     | ALEXANDER RYAN                                    | Gravity single and twin fall outrigger                    | BH-series                                    |
| DAVIT     | ARIM  | Single arm Slewing  | AREH-series, ARPV-series                     |
| DAVIT     | ARIM  | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | ARPV-series                                  |
| DAVIT     | ARIM  | Twin Fall Gravity Pivoting / Luffing                      | AHA-series                                   |
| DAVIT     | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Free fall secondary hydraulic A Frame                     | BDF-series, HDFL-series                      |
| DAVIT     | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Gravity freefall primary                                  | BDF-series                                   |
| DAVIT     | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Single arm Slewing  | BDR-series, BLR-series                       |
| DAVIT     | BADA HEAVY IND. CO.,                              | Single Fall Rescue / Fast                                 | BDA-series, BDFA-                            |



# Annex N

## List of makes and types of equipment

|       |   |  |   |
|-------|---|--|---|
|       | LTD (EX. DAERYUCK MACHINERY)                      | Rescue Boat A Frame Hydraulic  | series, BFRD- series  |
| DAVIT | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | BDTD-series, TT-series  |
| DAVIT | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Twin / Single Fall Gravity Rollertrack   | BDTW-series   |
| DAVIT | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Twin Fall Gravity Pivoting / Luffing   | BDH-series, BDMS-series, HINGED GRAVITY-series  |
| DAVIT | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | BDH-series  |
| DAVIT | BADA HEAVY INDUSTRIES CO., LTD.                   | Free fall secondary hydraulic A Frame  | HDF-series, HDL-series  |
| DAVIT | BADA HEAVY INDUSTRIES CO., LTD.                   | Single arm Slewing   | BHI-RLD-series  |
| DAVIT | BADA HEAVY INDUSTRIES CO., LTD.                   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | BDHP-series   |
| DAVIT | BIANCHI & CHECCHI                                 | Gravity single and twin fall outrigger   | PE-series, PET-series   |
| DAVIT | BOPP TREUILS JEB                                  | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | BHD-series  |
| DAVIT | COASTAL MARINE EQUIPMENT, INC.                    | Single arm Slewing   | D-series  |
| DAVIT | CRAMM YACHTING SYSTEMS B.V                        | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | CDT 7000-series   |
| DAVIT | DAELIM TECHNOLOGY CO. LTD. (HYUNDAI)              | Free fall secondary hydraulic A Frame  | FF-740-series   |
| DAVIT | DAVIT COMPANY                                     | Gravity single and twin fall outrigger   | FFFDA-series  |
| DAVIT | DAVIT COMPANY                                     | Single arm Slewing   | SRR-series  |
| DAVIT | DAVIT INTERNATIONAL                               | Free fall secondary hydraulic A Frame  | D-FH-series   |
| DAVIT | DAVIT INTERNATIONAL                               | Gravity freefall primary   | D-TF-series   |
| DAVIT | DAVIT INTERNATIONAL                               | Gravity single and twin fall outrigger   | D-FO-series, D-FOS-series   |
| DAVIT | DAVIT INTERNATIONAL                               | Single arm Slewing   | D-BR-series, D-CR.R-series, 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 |
| DAVIT | DAVIT INTERNATIONAL                               | 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  |
| DAVIT | DAVIT INTERNATIONAL                               | Single or Twin Fall  | D-FP.R-series, D-TT-  |



## Annex N

### List of makes and types of equipment

|       |   |  |  |
|-------|---|--|--|
|       |   | Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | series, DTT.SP-series  |
| DAVIT | DAVIT INTERNATIONAL                       | Twin / Single Fall Gravity Rollertrack                       | D-RT-series  |
| DAVIT | DAVIT INTERNATIONAL                       | Twin Fall Gravity Pivoting / Luffing                         | D-NP-series, D-NP.MP-series  |
| DAVIT | DAVIT INTERNATIONAL                       | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering    | D-NP-series, D-SP-series   |
| DAVIT | DENIZSAN                                  | Free fall secondary hydraulic A Frame                        | DSFDD-series   |
| DAVIT | DENIZSAN                                  | Single arm Slewing   | DRBD-series, DRBLRD-series, DSRBD-series                                       |
| DAVIT | DENIZSAN                                  | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic      | DSFRB-series, DSRB-series  |
| DAVIT | DONG NAM ENTERPRISE.,CO LTD               | Twin Fall Gravity Pivoting / Luffing                         | DLB-series   |
| DAVIT | DONGNAM MARINE CRANE CO.,LTD.             | Single arm Slewing   | DCPV-series, DNRD-series, DRBLRD-series, DRLD-series, DSAC-series, DSAD-series |
| DAVIT | DONGNAM MARINE CRANE CO.,LTD.             | Twin Fall Gravity Pivoting / Luffing                         | DHGD-series  |
| DAVIT | DONGWOO MACHINERY & ENGINEERING CO., LTD. | Single arm Slewing   | DBD-series   |
| DAVIT | DONGWOO MACHINERY & ENGINEERING CO., LTD. | Twin Fall Gravity Pivoting / Luffing                         | DWS-series   |
| DAVIT | DSB ENGINEERING CO LTD                    | Free fall secondary hydraulic A Frame                        | DRM-FFD-series, DSBDF-series   |
| DAVIT | DSB ENGINEERING CO LTD                    | Single arm Slewing   | DSB23DR-series   |
| DAVIT | DSB ENGINEERING CO LTD                    | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic      | DSBARH-series, DSBDP-series, DSBDR-series                                      |
| DAVIT | DSB ENGINEERING CO LTD                    | Twin Fall Gravity Pivoting / Luffing                         | DSBDL-series, DSBDTL-series  |
| DAVIT | DSB ENGINEERING CO LTD                    | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering    | DSBDYL-series  |
| DAVIT | EO LIFESAVING                             | Single arm Slewing   | CH-52-series   |
| DAVIT | FASSMER                                   | Free fall secondary hydraulic A Frame                        | FFH-series   |
| DAVIT | FASSMER                                   | Gravity freefall primary                                     | FLR-series   |
| DAVIT | FASSMER                                   | Single arm Slewing   | FSARR-series   |
| DAVIT | FASSMER                                   | Twin Fall Gravity Pivoting / Luffing                         | FPD-series   |
| DAVIT | FASSMER                                   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering    | FMPD-series  |
| DAVIT | FASSMER MARLAND                           | Free fall secondary hydraulic A Frame                        | FFH-series   |
| DAVIT | FERRI                                     | Single arm Slewing   | 1872 TN-series   |



## Annex N

### List of makes and types of equipment

|       |                                      |   |   |
|-------|--------------------------------------|---|---|
| DAVIT | GILBERT & SCHMALRIEDE. GMBH & CO. KG | Single arm Slewing  | PJ1385-series   |
| DAVIT | GILBERT & SCHMALRIEDE. GMBH & CO. KG | Single or Twin Fall<br>Lifeboat Rescue Boat /<br>Fast Rescue Boat<br>Telescopic Hydraulic | PJ-1386-series  |
| DAVIT | GLOBAL DAVIT                         | Gravity single and twin<br>fall outrigger   | GSP.O-series, RSP.O-series  |
| DAVIT | GLOBAL DAVIT                         | 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 |
| DAVIT | GLOBAL DAVIT                         | Single Fall Rescue / Fast<br>Rescue Boat A Frame<br>Hydraulic                             | RHP-series, RHP.HC-series   |
| DAVIT | GLOBAL DAVIT                         | Twin / Single Fall<br>Gravity Rollertrack   | GLP.RT-series, GSP.RT-series, GSP.RT, GLP.RT-series   |
| DAVIT | GLOBAL DAVIT                         | Twin Fall Gravity<br>Pivoting / Luffing   | GLP.FP-series, GLP.MP-series, GSP.FP-series, GSP.MP-series  |
| DAVIT | GLOBAL DAVIT                         | Twin Fall Hydraulic /<br>Pivoting / Luffing<br>Gravity Lowering                           | GLP.FLH-series, GLP.FPH-series, GSP.FLH-series, GSP.FPH-series, RHL-series, RHP-series  |
| DAVIT | GREBEN                               | Free fall secondary<br>hydraulic A Frame  | FFL-28-series, HFF-series   |
| DAVIT | GREBEN                               | Gravity single and twin<br>fall outrigger   | FOD-series  |
| DAVIT | GREBEN                               | Single arm Slewing  | RLC-series, SAR-series  |
| DAVIT | GREBEN                               | Twin / Single Fall<br>Gravity Rollertrack   | GR-RTD-series   |
| DAVIT | GREBEN                               | Twin Fall Gravity<br>Pivoting / Luffing   | SPG-series  |
| DAVIT | GREBEN                               | Twin Fall Hydraulic /<br>Pivoting / Luffing<br>Gravity Lowering                           | GD-PD-series, HD-series   |
| DAVIT | GURDESAN                             | Free fall secondary   | GD-FFD-series   |



## Annex N

### List of makes and types of equipment

|       |   |  |  |
|-------|---|--|--|
|       |   | hydraulic A Frame  |  |
| DAVIT | GURDESAN  | Single arm Slewing   | GD-KHK-series, GD-RRS-series                   |
| DAVIT | HAEAN MACHINERY IND. CO. LTD.                                 | Single arm Slewing   | HED-PC-series, HHD-PC-series                   |
| DAVIT | HANYOUNG ENTERPRISE   | Single arm Slewing   | RESCUE BOAT DAVIT-series                       |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Free fall secondary hydraulic A Frame  | FF-series                                      |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Gravity freefall primary   | FFB-series, LA-series                          |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Gravity single and twin fall outrigger   | HD-FL-series, ORD-series                       |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Single arm Slewing   | LAR-series, SAR-series, SPR-series, SRR-series |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | SA-series                                      |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Twin / Single Fall Gravity Rollertrack   | GRA-series, HD-RT-series                       |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Twin Fall Gravity Pivoting / Luffing   | HD-SPG-series, HD-VIP-series, SPG(VL)-series   |
| DAVIT | HARDING (UMO SCHAT HARDING)                                   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | SPD-series                                     |
| DAVIT | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Single arm Slewing   | MOB-series                                     |
| DAVIT | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Twin / Single Fall Gravity Rollertrack   | NT-series                                      |
| DAVIT | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Twin Fall Gravity Pivoting / Luffing   | SPG(L)-series                                  |
| DAVIT | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | NPDS-series                                    |
| DAVIT | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Free fall secondary hydraulic A Frame  | LA-series                                      |
| DAVIT | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | NTD-series                                     |
| DAVIT | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Twin / Single Fall Gravity Rollertrack   | ND-series                                      |
| DAVIT | HARDING (WATERCRAFT)  | Twin / Single Fall Gravity Rollertrack   | WRG-series                                     |
| DAVIT | HATECKE (ERNST HATECKE)                                       | Free fall secondary hydraulic A Frame  | FFA-series                                     |
| DAVIT | HATECKE (ERNST HATECKE)                                       | Gravity freefall primary   | FFB-series                                     |
| DAVIT | HATECKE (ERNST HATECKE)                                       | Gravity single and twin fall outrigger   | GSP.O-series                                   |



## Annex N

### List of makes and types of equipment

|       |  |   |                              |
|-------|--|---|------------------------------|
| DAVIT | HATECKE (ERNST HATECKE)  | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | GSP.FP-series                |
| DAVIT | HOLEN AS   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | KOPAS A-1000-series          |
| DAVIT | IHI MARINE UNITED INC  | Twin Fall Gravity Pivoting / Luffing                      | MUL-series                   |
| DAVIT | IKNOW MACHINERY (TSUJI)  | Twin Fall Gravity Pivoting / Luffing                      | HD-series                    |
| DAVIT | IMT CO., LTD   | Single arm Slewing  | ILR-series                   |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Free fall secondary hydraulic A Frame                     | JYF-series                   |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Gravity single and twin fall outrigger                    | JYP-series                   |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Single arm Slewing  | JYR-series, JYRCA-series     |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | JYA-series                   |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Twin / Single Fall Gravity Rollertrack                    | JYGR-series                  |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Twin Fall Gravity Pivoting / Luffing                      | JYL-series                   |
| DAVIT | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | JYHG-series                  |
| DAVIT | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Free fall secondary hydraulic A Frame                     | NPT-DF-series                |
| DAVIT | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Gravity single and twin fall outrigger                    | NPT-DP-series, NPT-PL-series |
| DAVIT | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Single arm Slewing  | NPT-DR-series                |
| DAVIT | JIANGYIN NEPTUNE   | Single Fall Rescue / Fast                                 | NPT- BE-series, NPT-         |



## Annex N

### List of makes and types of equipment

|       |   |  |   |
|-------|---|--|---|
|       | MARINE APPLIANCE CO., LTD.                  | Rescue Boat A Frame Hydraulic  | DR-series   |
| DAVIT | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. | Twin Fall Gravity Pivoting / Luffing   | NPT-DL-series, NPT-DP-series, NPT-DYL-series      |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Free fall secondary hydraulic A Frame  | JY-FH-series                                      |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Gravity single and twin fall outrigger   | JYPL-series                                       |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Single arm Slewing   | JYSA-series                                       |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | JY-LFR-series, JY-LRHE-series, JY-PLR-series      |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Twin / Single Fall Gravity Rollertrack   | JYHE-series                                       |
| DAVIT | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Twin Fall Gravity Pivoting / Luffing   | JYPL-series                                       |
| DAVIT | JIANGYINSHI BEIHAI                          | Free fall secondary hydraulic A Frame  | FA-series   |
| DAVIT | JIANGYINSHI BEIHAI                          | Gravity single and twin fall outrigger   | PD-series   |
| DAVIT | JIANGYINSHI BEIHAI                          | Single arm Slewing   | SA-series, SAC-series, SMR-series                 |
| DAVIT | JIANGYINSHI BEIHAI                          | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | EHRD-series, FRH-series, SRH-series               |
| DAVIT | JIANGYINSHI BEIHAI                          | Twin / Single Fall Gravity Rollertrack   | HB-H-series, RB-H-series                          |
| DAVIT | JIANGYINSHI BEIHAI                          | Twin Fall Gravity Pivoting / Luffing   | BH-G-series, LA-series, LB-H-series               |
| DAVIT | JIANGYINSHI BEIHAI                          | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | BHGH-series                                       |
| DAVIT | JUNG-A-MARINE CO., LTD                      | Single arm Slewing   | PCRLC-series                                      |
| DAVIT | KGW SCHWERINER MASCHINENBAU GMBH            | Single arm Slewing   | RB-series   |
| DAVIT | KYORITSU KIKAI                              | Free fall secondary hydraulic A Frame  | LAF-MUF68-series                                  |
| DAVIT | MACGREGOR (TTS) (HYDRAMARINE)               | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | G-TYPE-series, HMD A32 MK3-series                 |
| DAVIT | MACGREGOR (TTS) (HYDRAMARINE)               | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | A-TYPE-series, HLD-series, HMC-series, HMD-series |
| DAVIT | MACGREGOR (TTS) (HYDRAMARINE)               | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | T-TYPE-series                                     |
| DAVIT | MANSEI                                      | Free fall secondary hydraulic A Frame  | D-FH-series, FE-series, MFH-series                |
| DAVIT | MANSEI                                      | Single arm Slewing   | R-series, RD-series, SAR-series, SR-series        |
| DAVIT | MANSEI                                      | Single Fall Rescue / Fast  | HER-series  |



## Annex N

### List of makes and types of equipment

|       |  |  |   |
|-------|--|--|---|
|       |  | Rescue Boat A Frame Hydraulic  |   |
| DAVIT | MANSEI   | Twin / Single Fall Gravity Rollertrack   | AT-series, GRA-series   |
| DAVIT | MANSEI   | Twin Fall Gravity Pivoting / Luffing   | ABD-series, AH-series, AV-series, CM-series, EH-series, EM-series, M-series |
| DAVIT | MENAROM SA                                     | Single arm Slewing   | CMPS-series   |
| DAVIT | MIURA MACHINE CO.,LTD (MIURA VIDER) (MANSEI)   | Twin Fall Gravity Pivoting / Luffing   | MVD-series, SPG(VD)-series  |
| DAVIT | MOTOMAR  | Single arm Slewing   | GE-series   |
| DAVIT | NANJING DONGSHENG MARINE EQUIPMENT CO., LTD    | Single arm Slewing   | AR14-series   |
| DAVIT | NAVIGATIONS                                    | Single arm Slewing   | 1,1-series  |
| DAVIT | NAVIM GROUP                                    | Gravity single and twin fall outrigger   | FDRB-series   |
| DAVIT | NAVIM GROUP                                    | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | SPDT-L-series, SPDT-R-series, SPDT-T-series                                 |
| DAVIT | NAVIM GROUP                                    | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | SGHD- L-series, SPHD-T-series   |
| DAVIT | NAVIM GROUP (TECNIMPIANTI S.P.A)               | Single arm Slewing   | NHRB-series   |
| DAVIT | NED-DECK MARINE (PALFINGER)                    | Free fall secondary hydraulic A Frame  | FFH-series  |
| DAVIT | NED-DECK MARINE (PALFINGER)                    | Gravity single and twin fall outrigger   | FPG-series  |
| DAVIT | NED-DECK MARINE (PALFINGER)                    | Single arm Slewing   | SCH-series, SCM-series, SCT- series, SEC-series                             |
| DAVIT | NED-DECK MARINE (PALFINGER)                    | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | PFH-series, PRH-series, PRHE- series  |
| DAVIT | NED-DECK MARINE (PALFINGER)                    | Twin Fall Gravity Pivoting / Luffing   | PL-series   |
| DAVIT | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD   | Free fall secondary hydraulic A Frame  | YZF-series  |
| DAVIT | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD   | Single arm Slewing   | YZ-series, ZFDZ-series  |
| DAVIT | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD   | Twin Fall Gravity Pivoting / Luffing   | L-series  |
| DAVIT | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD | Free fall secondary hydraulic A Frame  | NMF55KN-series  |
| DAVIT | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD | Gravity single and twin fall outrigger   | NMPL-series   |
| DAVIT | NINGBO NEW MARINE LIFESAVING EQUIPMENT         | Single Fall Rescue / Fast Rescue Boat A Frame                                    | NM-series, NMAR-series  |



## Annex N

### List of makes and types of equipment

|       |   |   |   |
|-------|---|---|---|
|       | CO. LTD   | Hydraulic   |   |
| DAVIT | NMF   | Single arm Slewing  | BPK-series, KD.2-series   |
| DAVIT | NOR DAVIT   | Gravity single and twin fall outrigger                    | PL-series   |
| DAVIT | NOR DAVIT   | Twin Fall Gravity Pivoting / Luffing                      | SDP-series  |
| DAVIT | NOREQ (PALFINGER)                                   | Gravity single and twin fall outrigger                    | NRD-series  |
| DAVIT | NOREQ (PALFINGER)                                   | Single arm Slewing  | SCH-series, SCH-R-series, SCHD-series, SCM-L-series, SCM-R-series |
| DAVIT | NOREQ (PALFINGER)                                   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | NPD-series  |
| DAVIT | NOREQ (PALFINGER)                                   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | NPD-series  |
| DAVIT | NORSAFE   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | NDA-series  |
| DAVIT | ORIENTAL PRECISION                                  | Free fall secondary hydraulic A Frame                     | FD-series   |
| DAVIT | ORIENTAL PRECISION                                  | Single arm Slewing  | RD-series, SHS-series   |
| DAVIT | ORIENTAL PRECISION                                  | Twin / Single Fall Gravity Rollertrack                    | RTD-series  |
| DAVIT | ORIENTAL PRECISION                                  | Twin Fall Gravity Pivoting / Luffing                      | DHA-series, DMA-series, HGD-series, HGK-series                    |
| DAVIT | ORIENTAL PRECISION - SEKIGAHARA                     | Twin Fall Gravity Pivoting / Luffing                      | SHS-series  |
| DAVIT | PALFINGER   | Free fall secondary hydraulic A Frame                     | NPT-DF-series   |
| DAVIT | PALFINGER   | Gravity freefall primary                                  | FF-series   |
| DAVIT | PALFINGER   | Gravity single and twin fall outrigger                    | FPG-series  |
| DAVIT | PALFINGER   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | SCH-R-series, SCM-L-series, SCM-R-series                          |
| DAVIT | PALFINGER   | Twin / Single Fall Gravity Rollertrack                    | NPT-series  |
| DAVIT | PALFINGER   | Twin Fall Gravity Pivoting / Luffing                      | NPT-series, VIP-series  |
| DAVIT | PALFINGER   | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | NPD-series, PFH-series  |
| DAVIT | PELLEGRINI MARINE EQUIPMENT                         | Single arm Slewing  | CHCD 2,507+ RLC 2.1/4.5-series, RLC-series                        |
| DAVIT | PELLEGRINI MARINE EQUIPMENT                         | Twin Fall Gravity Pivoting / Luffing                      | GRA-series  |
| DAVIT | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Free fall secondary hydraulic A Frame                     | BD-FF-series  |



# Annex N

## List of makes and types of equipment

|       |   |  |  |
|-------|---|--|--|
| DAVIT | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Gravity single and twin fall outrigger   | BD-PL-series   |
| DAVIT | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Single arm Slewing   | BD- SA-series, BD-SH-series  |
| DAVIT | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | BD-AR-series   |
| DAVIT | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Twin Fall Gravity Pivoting / Luffing   | BD-PV-series   |
| DAVIT | REDROCK   | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | RDA-series   |
| DAVIT | REDROCK   | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | RDT-series   |
| DAVIT | SANGUINETI CHIAVARI                                 | Single Arm Slewing   | GE-series  |
| DAVIT | SCHAT HARDING                                       | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | FR.P.SP-series   |
| DAVIT | SEC (SHIPS EQUIPMENT CENTRE)                        | Free fall secondary hydraulic A Frame  | HP2-series   |
| DAVIT | SEC (SHIPS EQUIPMENT CENTRE)                        | Single arm Slewing   | HS-series, MS-series   |
| DAVIT | SEKIGAHARA  | Free fall secondary hydraulic A Frame  | SF-series  |
| DAVIT | SEKIGAHARA  | Single arm Slewing   | SSS-series   |
| DAVIT | SEKIGAHARA  | Twin / Single Fall Gravity Rollertrack   | AT-series, STS-series  |
| DAVIT | SEKIGAHARA  | Twin Fall Gravity Pivoting / Luffing   | SFA-series, SFB-series, SFP- series, SHS-series  |
| DAVIT | SEKWANG MARINE MACHINERY CO, LTD                    | Single arm Slewing   | RBD-series, SINGLE ARM SLEWING-series  |
| DAVIT | SERVO SHIP S.L                                      | Free fall secondary hydraulic A Frame  | FFR-20-series  |
| DAVIT | SERVO SHIP S.L                                      | Single arm Slewing   | PR4M1100HR-series  |
| DAVIT | SEZAMOR   | Single arm Slewing   | ZZ-ZOL-series, ZZ-ZOT-series   |
| DAVIT | SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION      | Free fall secondary hydraulic A Frame  | FH-series  |
| DAVIT | SHANGHAI HENGYUAN MARINE EQUIPMENT CORPORATION      | Single arm Slewing   | SAF-series   |
| DAVIT | SHEYANG VICTOR MARINE AUXILIARIS Co. Ltd            | Single arm Slewing   | WLT-series   |
| DAVIT | SHIN MYUNG TECH                                     | Single arm Slewing   | SMLRD-25P-series, SMRB&LRD-FT-series, SMRBD-SD-series, SMRBD&LRD-series, SMRBD&PV-series |



## Annex N

### List of makes and types of equipment

|       |   |  |   |
|-------|---|--|---|
| DAVIT | STOCZNIA USTKA SP. Z O.O.               | Free fall secondary hydraulic A Frame  | HZ-series   |
| DAVIT | STOCZNIA USTKA SP. Z O.O.               | Gravity freefall primary   | PZ-series   |
| DAVIT | SURVIVAL SYSTEMS INT                    | Gravity single and twin fall outrigger   | PL-series   |
| DAVIT | TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD | Free fall secondary hydraulic A Frame  | 55KN-series   |
| DAVIT | TAIZHOU HAIHAO MARINE EQUIPMENT CO.,LTD | Single arm Slewing   | 21KN BOAT/RAFT DAVIT-series   |
| DAVIT | TECHNIMPIANTI S.P.A                     | Twin / Single Fall Gravity Rollertrack   | FRB-series  |
| DAVIT | TOWIMOR                                 | Gravity Freefall Primary   | PBS-series  |
| DAVIT | TSUJI HEAVY INDUSTRIES                  | Single arm Slewing   | RP-series   |
| DAVIT | TSUJI HEAVY INDUSTRIES                  | Twin / Single Fall Gravity Rollertrack   | T83-series, TC-series   |
| DAVIT | TSUJI HEAVY INDUSTRIES                  | Twin Fall Gravity Pivoting / Luffing   | H-series  |
| DAVIT | TTS (HYDRALIFT )                        | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | HL-series   |
| DAVIT | TTS (HYDRALIFT )                        | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | HL9D-series   |
| DAVIT | ULSTEIN FAMA (FAMA GNIEW)               | Single arm Slewing   | ZO-series, ZT-series  |
| DAVIT | VANGUARDE                               | Gravity single and twin fall outrigger   | PL-series   |
| DAVIT | VANGUARDE                               | Single arm Slewing   | HS-series, MS-series, VS-series   |
| DAVIT | VANGUARDE                               | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | DH-series, PR-series, PRH-series  |
| DAVIT | VANGUARDE                               | Twin Fall Gravity Pivoting / Luffing   | LE-series, VL-series  |
| DAVIT | VANGUARDE                               | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                        | PFH-series, SRH-series  |
| DAVIT | VERHOEF                                 | Free fall secondary hydraulic A Frame  | FL-series   |
| DAVIT | VESTDAVIT                               | Free fall secondary hydraulic A Frame  | PLA-series  |
| DAVIT | VESTDAVIT                               | Single arm Slewing   | L-series  |
| DAVIT | VESTDAVIT                               | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                          | P-series, PAP-series, PAPH- series, PL-series, PLAR-series, PLD-series, PLI-series, PLP- series, PLR-series |
| DAVIT | VESTDAVIT                               | Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic | TBD-series  |
| DAVIT | VIKING (NORSAFE)                        | Gravity freefall primary   | SW-series   |



## Annex N

### List of makes and types of equipment

|       |   |   |  |
|-------|---|---|--|
| DAVIT | VIKING (NORSAFE)                        | Gravity single and twin fall outrigger                    | A-series, C-series, D-series, NDC-series |
| DAVIT | VIKING (NORSAFE)                        | Single arm Slewing  | CH-52-series, NRC-R-series               |
| DAVIT | VIKING (NORSAFE)                        | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | NDA-series, NRB-series                   |
| DAVIT | VIKING (NORSAFE)                        | Twin Fall Gravity Pivoting / Luffing                      | E-series                                 |
| DAVIT | VIKING (NORSAFE)                        | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering | LH-series                                |
| DAVIT | VIKING (NORSAFE) (JIANGYIN)             | Single arm Slewing  | NDSC-series, NDSC-R-series               |
| DAVIT | VIKING (NORSAFE) (JIANGYIN)             | Free fall secondary hydraulic A Frame                     | HD-series                                |
| DAVIT | WELIN LAMBIE                            | Single arm Slewing  | LRW-series, SARBE-series                 |
| DAVIT | WELIN LAMBIE                            | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | PIV.1.0A-series                          |
| DAVIT | WUXI DONGWU                             | Free fall secondary hydraulic A Frame                     | F55-F70-series, NPT100F-series           |
| DAVIT | WUXI DONGWU                             | Single arm Slewing  | 21 - 35KN-series, DCW210-series          |
| DAVIT | WUXI DONGWU                             | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | A30/H35-series                           |
| DAVIT | WUXI DONGWU                             | Twin / Single Fall Gravity Rollertrack                    | 25KN -30KN-series                        |
| DAVIT | WUXI DONGWU                             | Twin Fall Gravity Pivoting / Luffing                      | 18KN-110KN-series                        |
| DAVIT | WUXI HAIHONG BOAT MAKING CO., LTD       | Single arm Slewing  | 23KN-series                              |
| DAVIT | WUXI HUAHAI                             | Gravity single and twin fall outrigger                    | PD-series                                |
| DAVIT | WUXI HUAHAI                             | Single arm Slewing  | HMB-series                               |
| DAVIT | WUXI HUAHAI                             | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | HMDA-series                              |
| DAVIT | WUXI HUAHAI                             | Twin Fall Gravity Pivoting / Luffing                      | HMD-series                               |
| DAVIT | WUXI JIANGNAN MARINE EQUIPMENT CO., LTD | Single arm Slewing  | ZFQ-series                               |
| DAVIT | WUXI SHENGOU                            | Free fall secondary hydraulic A Frame                     | SMDF-series                              |
| DAVIT | WUXI SHENGOU                            | Single arm Slewing  | SMC-series, SMD-series                   |
| DAVIT | WUXI SHENGOU                            | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic   | HMDA-series                              |
| DAVIT | WUXI SHENGOU                            | Twin / Single Fall Gravity Rollertrack                    | SMD-series                               |
| DAVIT | WUXI SHENGOU                            | Twin Fall Gravity Pivoting / Luffing                      | SHMDL-series                             |
| DAVIT | YILMAZ DENIZCILIK                       | Single arm Slewing  | YDGS-series                              |



## Annex N

### List of makes and types of equipment

|              |   |   |   |
|--------------|---|---|---|
| DAVIT        | YOUNGNAM MACHINERY CO. LTD                        | Twin Fall Gravity Pivoting / Luffing                                      | YNBD-series   |
| DAVIT        | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD          | Single arm Slewing  | SA23-1-series   |
| DAVIT        | ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD  | Twin Fall Gravity Pivoting / Luffing                                      | YSJ-series  |
| DAVIT        | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS        | Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering                 | SRH-series  |
| DAVIT        | ZHENJIANG DH MARINE EQUIPMENT CO., LTD            | Single arm Slewing  | MSD-series  |
| DAVIT        | ZHENJIANG JUST MARINE EQUIPMENT CO., LTD          | Free fall secondary hydraulic A Frame                                     | FH-series   |
| DAVIT        | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS        | Free fall secondary hydraulic A Frame                                     | FH-series   |
| DAVIT        | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS        | Gravity single and twin fall outrigger                                    | PL-series   |
| DAVIT        | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS        | Single arm Slewing  | HDCL-series, SAF-series, SAFC-series, SAW30-series, ZF-series |
| DAVIT        | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS        | Twin Fall Gravity Pivoting / Luffing                                      | L-series  |
| DAVIT        | ZHENJIANG WEST MARINE EQUIPMENT CO., LTD          | Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic                   | WME-LRH35-series  |
|              |   |   |   |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Devices For Activating Release: Central Release Unit                      | BD-LH-series  |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Devices for activating release: Free Fall Hydraulic Primary and Secondary | BHA-series  |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Freefall Hydraulic / mechanical   | BHA-series  |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Rescue boat / Davit Launched Lifter / Lift over centre automatic          | BHA-series  |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Rescue boat offload lift over center                                      | BHR-series  |
| Release Gear | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Rescue boat offload w. Onload capability                                  | BHR255-series   |
| Release Gear | BALDEN  | Lifeboat on load lift not over centre, flat to flat rotating cams         | BD-LBH-series   |
| Release Gear | BALDEN  | Rescue boat / Davit   | BDHR-series   |



## Annex N

### List of makes and types of equipment

|              |                     |  |  |
|--------------|---------------------|--|--|
|              |                     | Launched Liferaft / Lift over centre automatic   |  |
| Release Gear | BC SERVICE          | Devices For Activating Release: Central Release Unit                                   | U HOOK-series                            |
| Release Gear | BC SERVICE          | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | U HOOK-series                            |
| Release Gear | BC SERVICE          | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | U HOOK-series                            |
| Release Gear | BC SERVICE          | Rescue boat offload lift over center   | U HOOK-series                            |
| Release Gear | CHANG SHENG         | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | 35KN-series                              |
| Release Gear | CRANSTON EAGLE      | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | APR-356- CB/CBH-series                   |
| Release Gear | DAE JIN CO. LTD     | Freefall Hydraulic / mechanical  | THP-1B-series                            |
| Release Gear | DAVIT INTERNATIONAL | Rescue boat offload lift over center   | OLH-series                               |
| Release Gear | DAVIT INTERNATIONAL | Rescue boat offload w. Onload capability   | RH-series                                |
| Release Gear | FASSMER             | Devices For Activating Release: Central Release Unit                                   | DUPLEX < 6.6T-series, DUPLEX > 6T-series |
| Release Gear | FASSMER             | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | FFH-series                               |
| Release Gear | FASSMER             | Devices For Activating Release: Hydrostatic Unit with Float                            | DUPLEX < 6.6T-series, DUPLEX > 6T-series |
| Release Gear | FASSMER             | Freefall Hydraulic / mechanical  | F-series                                 |
| Release Gear | FASSMER             | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | DUPLEX>6T-series                         |
| Release Gear | FASSMER             | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | DUPLEX<6.6T-series                       |
| Release Gear | FERRI               | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | 1448-series                              |
| Release Gear | GEPA                | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | G-K-series                               |
| Release Gear | GLOBAL DAVIT        | Lifeboat on load lift not over centre  | HRL-series                               |
| Release Gear | GLOBAL DAVIT        | Rescue boat / Davit Launched Liferaft / Lift   | HRL.26-series                            |



## Annex N

### List of makes and types of equipment

|              |   |  |  |
|--------------|---|--|--|
|              |   | over centre automatic  |  |
| Release Gear | GLOBAL DAVIT  | Rescue boat offload lift over center   | HRN-series                             |
| Release Gear | GLOBAL DAVIT  | Rescue boat offload w. Onload capability   | HR-series                              |
| Release Gear | GREBEN  | Devices For Activating Release: Central Release Unit                                   | NLH-series                             |
| Release Gear | GREBEN  | Devices For Activating Release: Electronic Sensor                                      | NLH-series                             |
| Release Gear | GREBEN  | Lifeboat on load lift not over centre, up and down pins / collars                      | NLH-series                             |
| Release Gear | HARDING (UMO SCHAT HARDING)                                   | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | FFH-series                             |
| Release Gear | HARDING (UMO SCHAT HARDING)                                   | Freefall Hydraulic / mechanical  | FFH-series                             |
| Release Gear | HARDING (UMO SCHAT HARDING)                                   | Rescue boat offload w. Onload capability   | RRH-series                             |
| Release Gear | HARDING (UMO SCHAT HARDING) (FAST RSQ)                        | Fast rescue boat offload / Manual or automatic   | CAR-35F-series                         |
| Release Gear | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | LH3.5M2-series                         |
| Release Gear | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | ARH 23-series                          |
| Release Gear | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Devices For Activating Release: Central Release Unit                                   | LHR-series, LHR M2-series              |
| Release Gear | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | LHR-series, LHR M2-series              |
| Release Gear | HARDING (UMO SCHAT HARDING) (PALFINGER)                       | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | LHR-series, LHR M2-series              |
| Release Gear | HATECKE   | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | SIMPLEX 2.0I OFF LOAD-series           |
| Release Gear | HATECKE (ERNST HATECKE)                                       | Devices For Activating Release: Central Release Unit                                   | DUPLEX < 6T-series, DUPLEX > 6T-series |
| Release Gear | HATECKE (ERNST HATECKE)                                       | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | GFF-series                             |
| Release Gear | HATECKE (ERNST HATECKE)                                       | Devices For Activating Release: Hydrostatic Unit with Float                            | DUPLEX < 6T-series, DUPLEX > 6T-series |
| Release Gear | HATECKE (ERNST  | Fast Rescue Boat Offload   | SIMPLEX 1,85-series                    |



## Annex N

### List of makes and types of equipment

|              |                          |  |  |
|--------------|--------------------------|--|--|
|              | HATECKE)                 | with On-Load Capability  |  |
| Release Gear | HATECKE (ERNST HATECKE)  | Freefall Hydraulic / mechanical  | GFF-series                                   |
| Release Gear | HATECKE (ERNST HATECKE)  | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | DUPLEX>6T-series                             |
| Release Gear | HATECKE (ERNST HATECKE)  | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | DUPLEX<6.6 T-series                          |
| Release Gear | HATECKE (ERNST HATECKE)  | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | RAFTI 2.5-series                             |
| Release Gear | HATECKE (ERNST HATECKE)  | Rescue boat offload w. Onload capability   | SIMPLEX-series                               |
| Release Gear | HENRIKSEN                | Fast rescue boat offload / Manual or automatic   | HCH-series, HMK-series, HMK ST 3,5-series    |
| Release Gear | HLB ( HYUNDAI LIFEBOATS) | Devices For Activating Release: Central Release Unit                                   | TALON MK 1-series, TALON MK 2-series         |
| Release Gear | HLB ( HYUNDAI LIFEBOATS) | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | TALON MK 1-series, TALON MK 2-series         |
| Release Gear | HLB ( HYUNDAI LIFEBOATS) | Lifeboat on load lift not over centre, flat to flat rotating cams                      | TALON MK 1-series                            |
| Release Gear | HLB ( HYUNDAI LIFEBOATS) | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | TALON MK 2-series                            |
| Release Gear | HOEI SENPAKU CO.,LTD     | Devices For Activating Release: Central Release Unit                                   | HS-series, HS520 96-series, HS650 96-series  |
| Release Gear | HOEI SENPAKU CO.,LTD     | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | HS-series, HS 520 96-series, HS650 96-series |
| Release Gear | HOEI SENPAKU CO.,LTD     | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | HS520 96-series, HS650 96-series             |
| Release Gear | HOEI SENPAKU CO.,LTD     | Lifeboat on load lift not over centre, flat to flat rotating cams                      | HS-series                                    |
| Release Gear | HOEI SENPAKU CO.,LTD     | Lifeboat on load lift not over centre, up and down pins / collars                      | HS520 83-series, HS650 83-series             |
| Release Gear | IHI MARINE UNITED INC    | Devices For Activating Release: Central Release Unit                                   | JX-1-series                                  |
| Release Gear | IHI MARINE UNITED INC    | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | JX-1-series                                  |
| Release Gear | IHI MARINE UNITED INC    | Lifeboat on load lift not  | JX-1-series                                  |



## Annex N

### List of makes and types of equipment

|              |  |  |   |
|--------------|--|--|---|
|              |  | over centre, up and down pins / collars  |   |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Devices For Activating Release: Central Release Unit                                   | JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series                     |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | JX-2-series   |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | JX-1-series, JX-1B-series, JXN-1B-series, JXN-1C-series                     |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Fast Rescue Boat Offload with On-Load Capability                                       | JXN-3-series  |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Freefall Hydraulic / mechanical  | JX-2-series   |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | 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        |
| Release Gear | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD.                                   | Lifeboat on load lift not over centre, up and down pins / collars                      | JX-1-series   |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Devices For Activating Release: Central Release Unit                                   | NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HKC-series, PN-HKC-series |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Devices For Activating Release: Hydrostatic Unit with Float                            | NPT-50-series, NPT-HAN-series, NPT-HKC-series, PN-HKC-series                |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Fast Rescue boat offload   | NPT-30 HK-series  |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Freefall Hydraulic / mechanical  | NPT 70HKF-series  |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | NPT-HK-series, NPT 50-series  |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | NPT-HKC-series, PN-HKC-series   |
| Release Gear | JIANGYIN NEPTUNE   | Rescue boat / Davit  | NPT-HK25F-series  |



## Annex N

### List of makes and types of equipment

|              |   |  |  |
|--------------|---|--|--|
|              | MARINE APPLIANCE CO., LTD.                  | Launched Liferaft / Lift over centre automatic   |  |
| Release Gear | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD. | Rescue boat offload w. Onload capability   | NPT-HK25R-series                       |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Devices For Activating Release: Central Release Unit                                   | HK-series, JX-1-series, LB80MR- series |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | JX-1-series, LB80MR-series             |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Fast Rescue Boat Offload with On-Load Capability                                       | HK-series                              |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Freefall Hydraulic / mechanical  | FHK-series                             |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | HK-series                              |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | LB80MR-series                          |
| Release Gear | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.        | Lifeboat on load lift not over centre, up and down pins / collars                      | JX-1-series                            |
| Release Gear | JIANGYINSHI BEIHAI                          | Devices For Activating Release: Central Release Unit                                   | JYB-HK-series                          |
| Release Gear | JIANGYINSHI BEIHAI                          | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | JYB-HK-series                          |
| Release Gear | JIANGYINSHI BEIHAI                          | Fast Rescue Boat Offload with On-Load Capability                                       | JYB-HK-series                          |
| Release Gear | JIANGYINSHI BEIHAI                          | Freefall Hydraulic / mechanical  | JYB-HKF-series                         |
| Release Gear | JIANGYINSHI BEIHAI                          | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | JYB-HK-series                          |
| Release Gear | LALIZAS                                     | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | LAR 36-series                          |
| Release Gear | LSA SERVICE GMBH                            | Rescue boat offload lift over center   | LSA-H2,1-series                        |
| Release Gear | MADROCK                                     | Devices For Activating Release: Central Release Unit                                   | ROCLOC-series                          |
| Release Gear | MADROCK                                     | Devices For Activating Release: Hydrostatic Unit with Float                            | ROCLOC-series                          |
| Release Gear | MADROCK                                     | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | ROCLOC-series                          |
| Release Gear | MANSEI                                      | Rescue boat / Davit Launched Liferaft / Lift over centre automatic                     | RH-series, RH3-series                  |



## Annex N

### List of makes and types of equipment

|              |  |  |  |
|--------------|--|--|--|
| Release Gear | NED-DECK MARINE (PALFINGER)                              | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | CAR 35-series                            |
| Release Gear | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Devices For Activating Release: Central Release Unit                                   | HK-series                                |
| Release Gear | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | HK-series                                |
| Release Gear | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD           | Freefall Hydraulic / mechanical  | JX-2-series                              |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Devices For Activating Release: Central Release Unit                                   | IHM 12-series, IHM 13-series, NS- series |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | F-series, ML-series                      |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Devices For Activating Release: Hydrostatic Unit with Float                            | IHM 12-series, IHM 13-series, NS- series |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Freefall Hydraulic / mechanical  | F-series, ML-series                      |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | NS-series, SR-3-series                   |
| Release Gear | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Lifeboat on load lift not over centre, up and down pins / collars                      | IHM 12-series, IHM 13-series             |
| Release Gear | NOREQ (PALFINGER)  | Fast Rescue Boat Offload with On-Load Capability                                       | JXN-3-series                             |
| Release Gear | NORMAR   | Freefall Hydraulic / mechanical  | JX-2-series                              |
| Release Gear | NORSAFE  | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | TOR MK 2-S/6 TON-series                  |
| Release Gear | OPTIMUN MARINE   | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | 31-37KN-series                           |
| Release Gear | PALFINGER  | Devices For Activating Release: Central Release Unit                                   | NADIRO D.I.B.SERIES-series               |
| Release Gear | PALFINGER  | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | FFH-series, NPT-series                   |
| Release Gear | PALFINGER  | Fast rescue boat offload / Manual or automatic   | CAR-35F-series                           |
| Release Gear | PALFINGER  | Freefall Hydraulic / mechanical  | FFH-series                               |
| Release Gear | PALFINGER  | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | CAR 35-series                            |



## Annex N

### List of makes and types of equipment

|              |   |  |  |
|--------------|---|--|--|
| Release Gear | PALFINGER   | Rescue boat offload w. Onload capability                           | RRH-series   |
| Release Gear | PESBO S.A   | Freefall Hydraulic / mechanical                                    | BSL-series   |
| Release Gear | PEWAG   | Rescue boat / Lift over centre offload                             | HSK-series   |
| Release Gear | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Devices For Activating Release: Central Release Unit               | BG-series  |
| Release Gear | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Devices For Activating Release: Hydrostatic Unit with Diaphragm    | BG-series  |
| Release Gear | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Freefall Hydraulic / mechanical                                    | BG-F-series  |
| Release Gear | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Lifeboat on load lift not over centre, flat to flat rotating cams  | BG-series  |
| Release Gear | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Rescue boat offload w. Onload capability                           | BG-2R-series   |
| Release Gear | SERVO SHIP S.L                                      | Rescue boat / Davit Launched Lifter / Lift over centre automatic   | 200-series   |
| Release Gear | SEZAMOR   | Rescue boat / Davit Launched Lifter / Lift over centre automatic   | HS-series  |
| Release Gear | SEZAMOR   | Rescue boat offload lift over center                               | HLR-series   |
| Release Gear | SHIGI SHIPBUILDING CO. LTD.                         | Devices For Activating Release: Central Release Unit               | SRS-series, SZK-30-series, SZK-5-series                |
| Release Gear | SHIGI SHIPBUILDING CO. LTD.                         | Devices For Activating Release: Hydrostatic Unit with Float        | SRS-series, SZK-30-series, SZK-5-series                |
| Release Gear | SHIGI SHIPBUILDING CO. LTD.                         | Lifeboat on load lift not over centre, Curve to flat rotating cams | SRS-series   |
| Release Gear | SHIGI SHIPBUILDING CO. LTD.                         | Lifeboat on load lift not over centre, up and down pins / collars  | SZK-series, SZK-25M-series, SZK-30-series, SZK5-series |
| Release Gear | SURVITEC  | Devices For Activating Release: Central Release Unit               | SAFELAUNCH-series                                      |
| Release Gear | SURVITEC  | Devices For Activating   | SAFELAUNCH-  |



## Annex N

### List of makes and types of equipment

|              |                       |  |  |
|--------------|-----------------------|--|--|
|              |                       | Release: Hydrostatic Unit with Diaphragm   | series   |
| Release Gear | SURVITEC              | Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams | SAFELAUNCH-series                                    |
| Release Gear | SURVITEC              | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | SLA 3.5-series                                       |
| Release Gear | SURVIVAL SYSTEMS INT. | Devices For Activating Release: Central Release Unit                                   | SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series |
| Release Gear | SURVIVAL SYSTEMS INT. | Lifeboat on load lift over centre  | SURESAFE-series, TRIPLE 5-series, TRIPLE 5 LX-series |
| Release Gear | T-ISS                 | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | 31-37 KN-series                                      |
| Release Gear | T-ISS BV              | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | PX02-series, PX01-series                             |
| Release Gear | T-ISS BV              | Rescue boat offload w. Onload capability   | PX03-series  |
| Release Gear | TSUNEISHI             | Devices For Activating Release: Central Release Unit                                   | 43GS-1-series  |
| Release Gear | TSUNEISHI             | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | 43GS-1-series  |
| Release Gear | TSUNEISHI             | Lifeboat on load lift not over centre, up and down pins / collars                      | 43GS-1-series  |
| Release Gear | VANGUARDE             | Devices For Activating Release: Central Release Unit                                   | C-SAFE-series, SH-series                             |
| Release Gear | VANGUARDE             | Devices For Activating Release: Hydrostatic Unit with Diaphragm                        | C-SAFE-series, SH-series                             |
| Release Gear | VANGUARDE             | Lifeboat on load lift not over centre, Curve to flat rotating cams                     | C-SAFE-series, SH-series                             |
| Release Gear | VERHOEF               | Devices for activating release: Free Fall Hydraulic Primary and Secondary              | TWISTLOCK-series                                     |
| Release Gear | VERHOEF               | Freefall Hydraulic / mechanical  | TWISTLOCK-series                                     |
| Release Gear | VIKING                | Rescue boat / Davit Launched Lifteraft / Lift over centre automatic                    | RCH 36-series  |
| Release Gear | VIKING NORSAFE        | Fast Rescue boat offload   | VIKING 1.6-series                                    |



## Annex N

### List of makes and types of equipment

|              |  |   |   |
|--------------|--|---|---|
| Release Gear | VIKING (NADIRO)                              | Lifeboat on load lift over centre   | DIB-series  |
| Release Gear | VIKING (NORSAFE)                             | Devices For Activating Release: Central Release Unit                      | NADIRO D.I.B-series, TOR MK 1-series, TOR MK 2-series |
| Release Gear | VIKING (NORSAFE)                             | Devices For Activating Release: Electronic Sensor                         | NADIRO D.I.B-series                                   |
| Release Gear | VIKING (NORSAFE)                             | Devices for activating release: Free Fall Hydraulic Primary and Secondary | GES-series, HRS-series, NFFH-series                   |
| Release Gear | VIKING (NORSAFE)                             | Devices For Activating Release: Hydrostatic Unit with Diaphragm           | TOR MK 1-series, TOR MK 2-series                      |
| Release Gear | VIKING (NORSAFE)                             | Fast Rescue boat offload  | K4-series   |
| Release Gear | VIKING (NORSAFE)                             | Freefall Hydraulic / mechanical   | HRS-series, NFFH-series                               |
| Release Gear | VIKING (NORSAFE)                             | Lifeboat on load lift not over centre, flat to flat rotating cams         | TOR MK 1-series, TOR MK 2-series                      |
| Release Gear | WILLIAM MILLS                                | Devices For Activating Release: Central Release Unit                      | TITAN-series  |
| Release Gear | WILLIAM MILLS                                | Devices For Activating Release: Hydrostatic Unit with Diaphragm           | TITAN-series  |
| Release Gear | WILLIAM MILLS                                | Lifeboat Offload release lift over centre                                 | EMPRESS-series  |
| Release Gear | WILLIAM MILLS                                | Lifeboat on load lift not over centre, flat to flat rotating cams         | TITAN-series  |
| Release Gear | WUXI MINGZI MACHINERY MANUFACTURING CO., LTD | Rescue boat / Davit Launched Lifter / Lift over centre automatic          | 25KN -30KN-series, 31-37KN-series                     |
| Release Gear | WUXI MINGZI MACHINERY MANUFACTURING CO., LTD | Rescue boat offload w. Onload capability                                  | 15KN-series   |
| Release Gear | WUXI WENJIAO                                 | Fast Rescue Boat Offload with On-Load Capability                          | HK-series   |
| Release Gear | WUXI XINGSHENG                               | Rescue boat / Davit Launched Lifter / Lift over centre automatic          | XS-series   |
| Release Gear | WUXI XINGSHENG                               | Rescue boat offload w. Onload capability                                  | XS15-series   |
| Release Gear | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS   | Fast Rescue Boat Offload with On-Load Capability                          | HK40-series   |



## Annex N

### List of makes and types of equipment

|                |  |  |  |
|----------------|--|--|--|
| Release Gear   | ZHENJIANG MARINE<br>AUXILIARY<br>MACHINERY WORKS | Lifeboat on load lift not<br>over centre, Curve to<br>flat rotating cams | HK-series  |
| Survival Craft | ACEBI  | Partially enclosed<br>lifeboat, twin fall                                | PELB-series                                      |
| Survival Craft | ACEBI  | Totally enclosed<br>lifeboat, twin fall,<br>tanker version               | TELB-series                                      |
| Survival Craft | AMBAR MARINE                                     | Rescue Boat, single fall   | AM420-series                                     |
| Survival Craft | AVON   | Rescue Boat, single fall   | RB-series, SR-<br>series                         |
| Survival Craft | BALDEN   | Totally enclosed<br>lifeboat, freefall                                   | BD-FFC-series, BD-<br>FFT-series                 |
| Survival Craft | BALDEN   | Totally enclosed<br>lifeboat, twin fall, dry<br>version                  | BD-LB-series                                     |
| Survival Craft | BALDEN   | Totally enclosed<br>lifeboat, twin fall,<br>tanker version               | BD-LB-series                                     |
| Survival Craft | BEIYANG<br>BOATBUILDING<br>CO.LTD                | Totally enclosed<br>lifeboat, twin fall, dry<br>version                  | 20 TECB-series                                   |
| Survival Craft | BIANCHI &<br>CHECCHI                             | Partially enclosed<br>lifeboat, twin fall                                | PE-series  |
| Survival Craft | BROOKER  | Totally enclosed<br>lifeboat, single fall                                | CA-series  |
| Survival Craft | CASTOLDI S.R.L.                                  | Rescue Boat, single fall   | JET TENDER 18 RB-<br>series                      |
| Survival Craft | DAFER (NARWHAL)                                  | Fast Rescue Boat, single<br>fall   | FRB-series                                       |
| Survival Craft | DAFER (NARWHAL)                                  | Rescue Boat, single fall   | FRB 700-series,<br>FRB 900-series, SV-<br>series |
| Survival Craft | DELTA  | Rescue Boat, single fall   | COMET-series,<br>PHANTOM-series                  |
| Survival Craft | DSB DEUTSCHE<br>SCHLAUCHBOOTE                    | Rescue Boat, single fall   | IRB-series                                       |
| Survival Craft | DSB ENGINEERING<br>CO LTD                        | Partially enclosed<br>lifeboat, twin fall                                | DSBP-series                                      |
| Survival Craft | DSB ENGINEERING<br>CO LTD                        | Rescue Boat, single fall   | DSBRB-series,<br>DSBRFA-series                   |
| Survival Craft | DSB ENGINEERING<br>CO LTD                        | Totally enclosed<br>lifeboat, freefall                                   | DSBFC-series,<br>DSBFF-series                    |
| Survival Craft | DSB ENGINEERING<br>CO LTD                        | Totally enclosed<br>lifeboat, twin fall, dry<br>version                  | DSBC-series                                      |
| Survival Craft | DSB ENGINEERING<br>CO LTD                        | Totally enclosed<br>lifeboat, twin fall,<br>tanker version               | DSBF-series                                      |



## Annex N

### List of makes and types of equipment

|                |                 |  |  |
|----------------|-----------------|--|--|
| Survival Craft | ESVAGT          | Rescue Boat, single fall                             | ALU 460 F-series   |
| Survival Craft | FASSMER         | Fast Rescue Boat, single fall                        | FRR-series   |
| Survival Craft | FASSMER         | Partially enclosed lifeboat, twin fall               | CL-P-series, PLL-series, PLT-series, SEL-series                |
| Survival Craft | FASSMER         | Rescue Boat, single fall                             | FRIR-series, RR-series   |
| Survival Craft | FASSMER         | Totally enclosed lifeboat, freefall                  | CFL-series, GAR-series, GAR-T-series                           |
| Survival Craft | FASSMER         | Totally enclosed lifeboat, twin fall, dry version    | CL-series, CLR-series, CLX-series, GMR-series                  |
| Survival Craft | FASSMER         | Totally enclosed lifeboat, twin fall, tanker version | CL-series, CLR-series, CLX-series, DRAGON-series, T-GMR-series |
| Survival Craft | FASSMER MARLAND | Rescue Boat, single fall                             | RR-series  |
| Survival Craft | FASSMER MARLAND | Totally enclosed lifeboat, freefall                  | CFL-C-series, CFL-T-series                                     |
| Survival Craft | FASSMER MARLAND | Totally enclosed lifeboat, twin fall, dry version    | DRAGON C-series, HH-C-series                                   |
| Survival Craft | FASSMER MARLAND | Totally enclosed lifeboat, twin fall, tanker version | DRAGON F-series, HH-T-series                                   |
| Survival Craft | GEPA            | Fast Rescue Boat, single fall                        | G-FRB-series   |
| Survival Craft | GEPA            | Partially enclosed lifeboat, twin fall               | G-FYK-series   |
| Survival Craft | GEPA            | Rescue Boat, single fall                             | G-RB-series  |
| Survival Craft | GEPA            | Totally enclosed lifeboat, freefall                  | G-FFF-series   |
| Survival Craft | GEPA            | Totally enclosed lifeboat, twin fall, dry version    | G-FK-series  |
| Survival Craft | GEPA            | Totally enclosed lifeboat, twin fall, tanker version | GFK-FP-series  |
| Survival Craft | GREBEN          | Partially enclosed lifeboat, twin fall               | PEL-series   |
| Survival Craft | GREBEN          | Rescue Boat, single fall                             | RB-series  |
| Survival Craft | GREBEN          | Totally enclosed lifeboat, freefall                  | FFL-series   |
| Survival Craft | GREBEN          | Totally enclosed lifeboat, twin fall, dry version    | TEL-series   |
| Survival Craft | GREBEN          | Totally enclosed lifeboat, twin fall, tanker version | TEL-FP-series  |
| Survival Craft | HARDING (UMO)   | Partially enclosed                                   | CTL-series, ML-  |



## Annex N

### List of makes and types of equipment

|                |   |  |  |
|----------------|---|--|--|
|                | SCHAT HARDING)  | lifeboat, twin fall  | series, MPC- series  |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)  | Rescue Boat, single fall                                   | MOB 4.5A-series  |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)  | Totally enclosed<br>lifeboat, freefall                     | FF-series  |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)  | Totally enclosed<br>lifeboat, twin fall, dry<br>version    | MCF-series   |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)  | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | MCB-series, MCM-<br>series   |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)<br>(PALFINGER)                             | Totally enclosed<br>lifeboat, freefall                     | HARDING-LBF-<br>series   |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)<br>(PALFINGER)                             | Fast Rescue Boat, single<br>fall                           | STINGER 630-<br>series   |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)<br>(PALFINGER)                             | Totally enclosed<br>lifeboat, twin fall, dry<br>version    | LBT-C-series   |
| Survival Craft | HARDING (UMO<br>SCHAT HARDING)<br>(PALFINGER)                             | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | LBT-T-series   |
| Survival Craft | HARDING<br>(WATERCRAFT)   | Partially enclosed<br>lifeboat, twin fall                  | MOB-series,<br>MOBAC-series,<br>PELB- series, PERB-<br>series              |
| Survival Craft | HARDING<br>(WATERCRAFT)   | Totally enclosed<br>lifeboat, freefall                     | WFF-series   |
| Survival Craft | HARDING<br>(WATERCRAFT)   | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | MK 1-series, MK 2-<br>series, MK 3-<br>series, MK 4-series,<br>MK 5-series |
| Survival Craft | HARDING BOAT<br>BUILDING<br>(QINGDAO) CO.,<br>LTD. (UMO SCHAT<br>HARDING) | Totally enclosed<br>lifeboat, twin fall, dry<br>version    | TECB-series  |
| Survival Craft | HATECKE (ERNST<br>HATECKE)  | Fast Rescue Boat, single<br>fall                           | FRB 600-series   |
| Survival Craft | HATECKE (ERNST<br>HATECKE)  | Partially enclosed<br>lifeboat, twin fall                  | PEL-series, PL-<br>series  |
| Survival Craft | HATECKE (ERNST<br>HATECKE)  | Rescue Boat, single fall                                   | RB-series  |
| Survival Craft | HATECKE (ERNST<br>HATECKE)  | Totally enclosed<br>lifeboat, freefall                     | GFF-series   |
| Survival Craft | HATECKE (ERNST<br>HATECKE)  | Totally enclosed<br>lifeboat, twin fall, dry               | GSL-T-series   |



## Annex N

### List of makes and types of equipment

|                |  | version  |  |
|----------------|--|--|--|
| Survival Craft | HATECKE (ERNST HATECKE)  | Totally enclosed lifeboat, twin fall, tanker version | GSL-T-series   |
| Survival Craft | HLB (HYUNDAI LIFEBOATS)  | Fast Rescue Boat, single fall                        | HDFR-series  |
| Survival Craft | HLB (HYUNDAI LIFEBOATS)  | Rescue Boat, single fall                             | HDR-series   |
| Survival Craft | HLB (HYUNDAI LIFEBOATS)  | Totally enclosed lifeboat, freefall                  | HDF25T-series, HDFL740F-series, HDFN-F-series, HDFN-T-series |
| Survival Craft | HLB (HYUNDAI LIFEBOATS)  | Totally enclosed lifeboat, twin fall, dry version    | HDL-series, HLB-series, HT78-series                          |
| Survival Craft | HLB (HYUNDAI LIFEBOATS)  | Totally enclosed lifeboat, twin fall, tanker version | HDL-series, HDL-CF-series, HLB-series                        |
| Survival Craft | HOEI SENPAKU CO.,LTD   | Totally enclosed lifeboat, twin fall, dry version    | HS-series  |
| Survival Craft | HOEI SENPAKU CO.,LTD   | Totally enclosed lifeboat, twin fall, tanker version | HS650F-series, HSF-series                                    |
| Survival Craft | IHI MARINE UNITED INC  | Open lifeboat, twin fall                             | G-series   |
| Survival Craft | IHI MARINE UNITED INC  | Totally enclosed lifeboat, twin fall, dry version    | GTC-series, GTC-C-series                                     |
| Survival Craft | IHI MARINE UNITED INC  | Totally enclosed lifeboat, twin fall, tanker version | GT-F-series, GTC-F-series, GTR- F-series                     |
| Survival Craft | JAPAN MARINE UNITED CORP   | Totally enclosed lifeboat, twin fall, dry version    | GF-series  |
| Survival Craft | JAPAN MARINE UNITED CORP   | Totally enclosed lifeboat, twin fall, tanker version | GTR-series   |
| Survival Craft | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Rescue Boat, single fall                             | GJ-series  |
| Survival Craft | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Totally enclosed lifeboat, freefall                  | JY-FF-series, JY-FN-series, JYM- FF-series                   |
| Survival Craft | JIANGSU JIAOYAN MARINE EQUIPMENT   | Totally enclosed lifeboat, twin fall, dry            | JY-QFN-series, JY-QFP-series                                 |



## Annex N

### List of makes and types of equipment

|                |  |  |   |
|----------------|--|--|---|
|                | CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)                                  | version  |   |
| Survival Craft | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Totally enclosed lifeboat, twin fall, tanker version | JY-QFN-series, JY-QFP-series                                |
| Survival Craft | JIANGYIN NEPTUNE   | Totally enclosed lifeboat, twin fall, dry version    | NPT-C-series, SC-series                                     |
| Survival Craft | JIANGYIN NEPTUNE   | Totally enclosed lifeboat, twin fall, tanker version | NPT-F-series  |
| Survival Craft | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Fast Rescue Boat, single fall                        | NPT-RA-series   |
| Survival Craft | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Partially enclosed lifeboat, twin fall               | NPT-P-series, NPT-PT-series                                 |
| Survival Craft | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Rescue Boat, single fall                             | NPT-R-series, NPT-RA-series, NPT-RB-series, NPT-RFA-series  |
| Survival Craft | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Totally enclosed lifeboat, freefall                  | NPT-FA-series, NPT-FC-series, NPT-FCA-series, NPT-FF-series |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Open lifeboat, twin fall                             | JYK-series  |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Partially enclosed lifeboat, twin fall               | JYP-series  |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Rescue Boat, single fall                             | JYDR-series, JYKR-series                                    |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Totally enclosed lifeboat, freefall                  | JYCF-series, JYFF-series                                    |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Totally enclosed lifeboat, twin fall, dry version    | JYC-series, JYCA-series                                     |
| Survival Craft | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Totally enclosed lifeboat, twin fall, tanker version | JYF-series, JYFA-series                                     |
| Survival Craft | JIANGYIN XINJIANG  | Rescue Boat, single fall                             | GJ-series, GJ- B-series                                     |



## Annex N

### List of makes and types of equipment

|                |                                      |  |   |
|----------------|--------------------------------------|--|---|
| Survival Craft | JIANGYIN XINJIANG                    | Totally enclosed lifeboat, freefall                  | JY-FN-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Fast Rescue Boat, single fall                        | JYB-G-series, JYB-Q-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Open lifeboat, twin fall                             | JYB-K-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Partially enclosed lifeboat, twin fall               | JYB-B-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Rescue Boat, single fall                             | JY-BR-series, JYB-KR-series, SC- K-series, SC-KR-series   |
| Survival Craft | JIANGYINSHI BEIHAI                   | Totally enclosed lifeboat, freefall                  | JYB-FC-series, JYB-FF-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Totally enclosed lifeboat, twin fall, dry version    | JYB-C-series  |
| Survival Craft | JIANGYINSHI BEIHAI                   | Totally enclosed lifeboat, twin fall, tanker version | JYB-F-series  |
| Survival Craft | KANG NAM. CORPORATION                | Totally enclosed lifeboat, twin fall, dry version    | GTB-series  |
| Survival Craft | MARE SAFETY AS                       | Fast Rescue Boat, single fall                        | GTC 700-series  |
| Survival Craft | MARE SAFETY AS                       | Rescue Boat, single fall                             | RB-series   |
| Survival Craft | MARITIME PARTNERS                    | Fast Rescue Boat, single fall                        | WEEDO 600-series  |
| Survival Craft | MARITIME PARTNERS                    | 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 |
| Survival Craft | MARITIME PARTNERS (HUKKELBERG BOATS) | Fast Rescue Boat, single fall                        | SPRINGER-series   |
| Survival Craft | MULDER EN RIJKE                      | Partially enclosed lifeboat, twin fall               | PELB-series, PTL-series   |
| Survival Craft | MULDER EN RIJKE                      | Totally enclosed lifeboat, single fall               | TELB-S-series   |
| Survival Craft | MULDER EN RIJKE                      | Totally enclosed lifeboat, twin fall, tanker version | TELB-series   |



## Annex N

### List of makes and types of equipment

|                |  |  |                              |
|----------------|--|--|------------------------------|
| Survival Craft | NARWHAL  | Rescue Boat, single fall                             | SV-series                    |
| Survival Craft | NARWHAL (DAFER)  | Fast Rescue Boat, single fall                        | SV-series                    |
| Survival Craft | NED-DECK MARINE (PALFINGER)                              | Rescue Boat, single fall                             | NMD 4.40 RESCUE-series       |
| Survival Craft | NED-DECK MARINE (PALFINGER)                              | Totally enclosed lifeboat, twin fall, tanker version | NPT-series, PN85F-series     |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Fast Rescue Boat, single fall                        | YZRA-series, YZRB-series     |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Open lifeboat, twin fall                             | BJ-series                    |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Rescue Boat, single fall                             | BJ-series, YZ-series         |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Totally enclosed lifeboat, freefall                  | YZFC-series, YZFF-series     |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Totally enclosed lifeboat, twin fall, dry version    | YZC-series                   |
| Survival Craft | NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD             | Totally enclosed lifeboat, twin fall, tanker version | YZF-series                   |
| Survival Craft | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD           | Rescue Boat, single fall                             | NM43R-series, NM45R-series   |
| Survival Craft | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD           | Totally enclosed lifeboat, freefall                  | NM58FF-series, NM59FC-series |
| Survival Craft | NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD           | Totally enclosed lifeboat, twin fall, dry version    | NM-series                    |
| Survival Craft | NISHI-F CO., LTD,. (EX. ISHIHARA DOCKYARD, NISHI-NIPPON) | Fast Rescue Boat, single fall                        | FRP-series                   |



## Annex N

### List of makes and types of equipment

|                |  |  |  |
|----------------|--|--|--|
| Survival Craft | NISHI-F CO., LTD.,<br>(EX. ISHIHARA<br>DOCKYARD, NISHI-<br>NIPPON) | Open lifeboat, twin fall                                   | NF-series, NFA-<br>series                                |
| Survival Craft | NISHI-F CO., LTD.,<br>(EX. ISHIHARA<br>DOCKYARD, NISHI-<br>NIPPON) | Partially enclosed<br>lifeboat, twin fall                  | PML-series   |
| Survival Craft | NISHI-F CO., LTD.,<br>(EX. ISHIHARA<br>DOCKYARD, NISHI-<br>NIPPON) | Totally enclosed<br>lifeboat, freefall                     | FF-series  |
| Survival Craft | NISHI-F CO., LTD.,<br>(EX. ISHIHARA<br>DOCKYARD, NISHI-<br>NIPPON) | Totally enclosed<br>lifeboat, twin fall, dry<br>version    | CML-series, EML-<br>series, G-TR-<br>series              |
| Survival Craft | NISHI-F CO., LTD.,<br>(EX. ISHIHARA<br>DOCKYARD, NISHI-<br>NIPPON) | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | CML-series, EML-<br>series, G-FR-<br>series              |
| Survival Craft | NOREQ  | Partially enclosed<br>lifeboat, twin fall                  | LBP-series   |
| Survival Craft | NOREQ<br>(PALFINGER)   | Fast Rescue Boat, single<br>fall                           | FRB-series   |
| Survival Craft | NOREQ<br>(PALFINGER)   | Rescue Boat, single fall                                   | RRB-series   |
| Survival Craft | NOREQ<br>(PALFINGER)   | Totally enclosed<br>lifeboat, freefall                     | LBF-series   |
| Survival Craft | NOREQ<br>(PALFINGER)   | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | LBT-series   |
| Survival Craft | NORMAR   | Fast Rescue Boat, single<br>fall                           | FRC-series   |
| Survival Craft | NORMAR   | Rescue Boat, single fall                                   | RESCUE-series  |
| Survival Craft | NORMAR   | Totally enclosed<br>lifeboat, freefall                     | JY-FF 4.9 TO<br>8.5C-series, JY-FF<br>4.9 TO 8.5T-series |
| Survival Craft | Novurania  | Rescue boat, single fall                                   | PKD-Series, GS-<br>series                                |
| Survival Craft | OY FISKARS AB  | Totally enclosed<br>lifeboat, twin fall, dry<br>version    | TELB-series  |
| Survival Craft | OY FISKARS AB  | Totally enclosed<br>lifeboat, twin fall,<br>tanker version | TELB-series  |
| Survival Craft | PALFINGER  | Fast Rescue Boat, single<br>fall                           | FRSQ-series  |
| Survival Craft | PALFINGER  | Partially enclosed<br>lifeboat, twin fall                  | CTL-series, MPC-<br>series, NPT-T-                       |



## Annex N

### List of makes and types of equipment

|                |   |  | series                                   |
|----------------|---|--|--|
| Survival Craft | PALFINGER   | Rescue Boat, single fall                             | RSQ-series                               |
| Survival Craft | PALFINGER   | Totally enclosed lifeboat, freefall                  | FF-series, NPT-FC-series, NPT- FF-series |
| Survival Craft | PALFINGER   | Totally enclosed lifeboat, twin fall, dry version    | KISS-C-series, NPT-F-series              |
| Survival Craft | PALFINGER   | Totally enclosed lifeboat, twin fall, tanker version | KISS-T-series, NPT-C-series              |
| Survival Craft | PESBO S.A   | Totally enclosed lifeboat, freefall                  | BSL-series                               |
| Survival Craft | PESBO S.A   | Totally enclosed lifeboat, twin fall, dry version    | BSC-series                               |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Fast Rescue Boat, single fall                        | BH-HR7-series, FRB-series                |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Partially enclosed lifeboat, twin fall               | BH10-series                              |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Rescue Boat, single fall                             | BH-R-series                              |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Totally enclosed lifeboat, freefall                  | BH-F-series                              |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Totally enclosed lifeboat, twin fall, dry version    | BH-series                                |
| Survival Craft | QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD. | Totally enclosed lifeboat, twin fall, tanker version | BH-series                                |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD.                         | Fast Rescue Boat, single fall                        | FRP-series                               |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD.                         | Open lifeboat, twin fall                             | SZGM-series, SZGO-series                 |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD.                         | Partially enclosed lifeboat, twin fall               | SZP-series, SZPR-series                  |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD.                         | Rescue Boat, single fall                             | SZRS-series, VOX46-series                |
| Survival Craft | SHIGI SHIPBUILDING                                  | Totally enclosed                                     | FEL-series, GARS-                        |



## Annex N

### List of makes and types of equipment

|                |                             |  |                              |
|----------------|-----------------------------|--|------------------------------|
|                | CO. LTD.                    | lifeboat, freefall                                   | series                       |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD. | Totally enclosed lifeboat, twin fall, dry version    | SZBR-series                  |
| Survival Craft | SHIGI SHIPBUILDING CO. LTD. | Totally enclosed lifeboat, twin fall, tanker version | SZTR-series                  |
| Survival Craft | STOCZNIA USTKA SP. Z O.O.   | Fast Rescue Boat, single fall                        | FRB-series                   |
| Survival Craft | STOCZNIA USTKA SP. Z O.O.   | Rescue Boat, single fall                             | R-series, RIB-series         |
| Survival Craft | STOCZNIA USTKA SP. Z O.O.   | Totally enclosed lifeboat, freefall                  | FFB-series                   |
| Survival Craft | STOCZNIA USTKA SP. Z O.O.   | Totally enclosed lifeboat, twin fall, dry version    | Z-series                     |
| Survival Craft | SURVITEC                    | Fast Rescue Boat, single fall                        | SC60RA-series                |
| Survival Craft | SURVITEC                    | Totally enclosed lifeboat, freefall                  | FF-series                    |
| Survival Craft | SURVITEC                    | Totally enclosed lifeboat, twin fall, dry version    | SC-series                    |
| Survival Craft | SURVITEC                    | Totally enclosed lifeboat, twin fall, tanker version | SC-series                    |
| Survival Craft | SURVIVAL SYSTEMS INT        | Fast Rescue Boat, single fall                        | FRB-series                   |
| Survival Craft | SURVIVAL SYSTEMS INT.       | Totally enclosed lifeboat, single fall               | CA-series                    |
| Survival Craft | TSUNEISHI                   | Totally enclosed lifeboat, twin fall, dry version    | TL-TE-series                 |
| Survival Craft | TSUNEISHI (KAMBARA RINGYO)  | Totally enclosed lifeboat, twin fall, dry version    | KL-TE-series                 |
| Survival Craft | TSUNEISHI (KAMBARA RINGYO)  | Totally enclosed lifeboat, twin fall, tanker version | KL-FP-series                 |
| Survival Craft | TSUNEISHI (SANYO WORKS)     | Totally enclosed lifeboat, twin fall, dry version    | TE-series                    |
| Survival Craft | TSUNEISHI (SANYO WORKS)     | Totally enclosed lifeboat, twin fall, tanker version | FP-series                    |
| Survival Craft | VALIANT                     | Rescue Boat, single fall                             | RB-450-series                |
| Survival Craft | VANGUARDE                   | Fast Rescue Boat, single fall                        | VG-FRK-series, VG-FRW-series |
| Survival Craft | VANGUARDE                   | Rescue Boat, single fall                             | VG-DRS-series, VG-KR-series  |
| Survival Craft | VANGUARDE                   | Totally enclosed lifeboat, twin fall, dry version    | VG-C-series                  |



## Annex N

### List of makes and types of equipment

|                |                                 |  |   |
|----------------|---------------------------------|--|---|
| Survival Craft | VANGUARDE                       | Totally enclosed lifeboat, twin fall, tanker version | VG-F-series, VG-HLB-series  |
| Survival Craft | VEB SCHIFFSWERFT RECHLIN/MURITZ | Totally enclosed lifeboat, twin fall, dry version    | GAL-series  |
| Survival Craft | VIKING (NORSAFE)                | Fast Rescue Boat, single fall                        | 470 GRP-series, MAGNUM-series, MAKO-series, MERLIN-series, MIDJET-530 MK II WATER JET-series                    |
| Survival Craft | VIKING (NORSAFE)                | Partially enclosed lifeboat, twin fall               | MINIMA-series   |
| Survival Craft | VIKING (NORSAFE)                | Rescue Boat, single fall                             | MAKO-series, MERLIN-series, MIDGET-series   |
| Survival Craft | VIKING (NORSAFE)                | Totally enclosed lifeboat, freefall                  | JYN-F-series  |
| Survival Craft | VIKING (NORSAFE)                | 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 |
| Survival Craft | VIKING (NORSAFE)                | 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                 |
| Survival Craft | VIKING (NORSAFE) (JIANGYIN)     | Rescue Boat, single fall                             | MATRIX-series   |
| Survival Craft | VIKING (NORSAFE) (JIANGYIN)     | Totally enclosed lifeboat, freefall                  | GES-series  |
| Survival Craft | VIKING NEUVISA                  | Fast Rescue Boat, single fall                        | RR-40-series  |
| Survival Craft | WATERCRAFT (WATERCRAFT HELLAS)  | Rescue Boat, single fall                             | 4.9M-RB-series  |
| Survival Craft | WATERCRAFT (WATERCRAFT HELLAS)  | Totally enclosed lifeboat, twin fall, dry version    | MK 5-series   |



## Annex N

### List of makes and types of equipment

|                |                                     |  |  |
|----------------|-------------------------------------|--|--|
| Survival Craft | WATERMAN OY                         | Partially enclosed lifeboat, twin fall               | 365-series, 367-series, 391- series, 393-series  |
| Survival Craft | WATERMAN OY                         | Totally enclosed lifeboat, twin fall, tanker version | 351-series, 366-series, 366HRL-series, 368-series, 371-series, 371HR-series, 377-series, 379- series |
| Survival Craft | WHITTAKER                           | Totally enclosed lifeboat, single fall               | CA-series  |
| Survival Craft | WORK RIBS HOLLAND BV                | Fast Rescue Boat, single fall                        | WRH-series   |
| Survival Craft | WU XI HAI HONG BOAT MAKING CO.,LTD. | Totally enclosed lifeboat, twin fall, dry version    | HH76FC-series  |
| Survival Craft | WUXI HAIHONG BOAT MAKING CO., LTD   | Open lifeboat, twin fall                             | BH-series, BJ-series   |
| Survival Craft | WUXI HAIHONG BOAT MAKING CO., LTD   | Rescue Boat, single fall                             | GJ-series  |
| Survival Craft | WUXI HAIHONG BOAT MAKING CO., LTD   | Totally enclosed lifeboat, freefall                  | HH-FC-series, HH-FF-series   |
| Survival Craft | WUXI HAIHONG BOAT MAKING CO., LTD   | Totally enclosed lifeboat, twin fall, dry version    | HH-C-series, HH-CS-series  |
| Survival Craft | WUXI HAIHONG BOAT MAKING CO., LTD   | Totally enclosed lifeboat, twin fall, tanker version | HH-T-series, HH-TS-series  |
| Survival Craft | WUXI WENJIAO                        | Fast Rescue Boat, single fall                        | WJ-RA-series, WJ-RB-series   |
| Survival Craft | WUXI WENJIAO                        | Open lifeboat, twin fall                             | BH-series, BJ-series, WJ-series  |
| Survival Craft | WUXI WENJIAO                        | Rescue Boat, single fall                             | GJ-series  |
| Survival Craft | WUXI WENJIAO                        | Totally enclosed lifeboat, freefall                  | WJFF-series, WJFFC-series, WUXI WENJIAO / WJFFC-series   |
| Survival Craft | WUXI WENJIAO                        | Totally enclosed lifeboat, twin fall, dry version    | WJBC-series  |
| Survival Craft | WUXI WENJIAO                        | Totally enclosed lifeboat, twin fall, tanker version | WJBF-series  |
| Survival Craft | XTENDERS                            | Fast Rescue Boat, single fall                        | 6.8M SOLAS TENDER-series   |



## Annex N

### List of makes and types of equipment

|                |  |   |  |
|----------------|--|---|--|
| Survival Craft | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD   | Rescue Boat, single fall  | GJ-series  |
| Survival Craft | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD   | Totally enclosed lifeboat, freefall   | BCFC-series, BCFF-series, FL-C-series, FL-F-series |
| Survival Craft | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD   | Totally enclosed lifeboat, twin fall, dry version   | BCF-series   |
| Survival Craft | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD   | Totally enclosed lifeboat, twin fall, tanker version  | BCC-series   |
| Survival Craft | ZHENJIANG JUST MARINE EQUIPMENT CO., LTD   | Rescue Boat, single fall  | ZJM-4.0-series                                     |
| Survival Craft | ZHENJIANG JUST MARINE EQUIPMENT CO., LTD   | Totally enclosed lifeboat, freefall   | ZJM-FF-series                                      |
| Survival Craft | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Fast Rescue Boat, single fall   | YH-FRB-series                                      |
| Survival Craft | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Rescue Boat, single fall  | YH-FRA-series, YH-R-series                         |
| Survival Craft | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Totally enclosed lifeboat, freefall   | YH-series  |
| Survival Craft | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Totally enclosed lifeboat, twin fall, dry version   | YH-QFP-series                                      |
| Survival Craft | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Totally enclosed lifeboat, twin fall, tanker version  | YH-DR-series                                       |
| Survival Craft | ZODIAC (SURVITEC)                          | Fast Rescue Boat, single fall   | RIB-series   |
| Survival Craft | ZODIAC (SURVITEC)                          | Rescue Boat, single fall  | H472S-series, RIBO-series                          |
| Survival Craft | ZODIAC HURRICANE                           | Rescue Boat, single fall  | H561 PROLUXE-series                                |
| Survival Craft | ZODIAC MILPRO INTERNATIONAL                | Rescue Boat, single fall  | RIBO-series  |
|                |  |   |  |
| Winches        | ACEBI                                      | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake | TBE-series   |



## Annex N

### List of makes and types of equipment

|         |   |   |   |
|---------|---|---|---|
|         |   | centrifugal pads  |   |
| Winches | ACEBI   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | TR-series   |
| Winches | ACEBI   | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | TBE-series  |
| Winches | ACOIN   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | BE-2-series   |
| Winches | ACTA  | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | KNT-series  |
| Winches | ALEXANDER WELIN                                   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | AIW-series  |
| Winches | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | 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              |
| Winches | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | Single Drum, hydraulic-lowering/hydraulic hoisting  | HDF-series  |
| Winches | BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY) | 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 |
| Winches | BADA HEAVY IND.                                   | Twin Drum, gravity-lowering/electrically  | BDTW-series, BMW-   |



## Annex N

### List of makes and types of equipment

|         |                                   |   |  |
|---------|-----------------------------------|---|--|
|         | CO., LTD (EX. DAERYUCK MACHINERY) | hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads                          | series, BW- series, BWR-series                                   |
| Winches | BADA HEAVY INDUSTRIES CO., LTD.   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads | BHI-EHW-series, BLW-series                                       |
| Winches | BOPP TREUILS JEB                  | Single Drum, hydraulic-lowering/hydraulic hoisting  | BHP 4200-series  |
| Winches | BREVINI                           | Single Drum, hydraulic-lowering/hydraulic hoisting  | PWD-series   |
| Winches | CRAMM YACHTING SYSTEMS B.V        | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                      | BWF1500-series   |
| Winches | DAVIT COMPANY                     | 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   |
| Winches | DAVIT COMPANY                     | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                      | 24EPB-series   |
| Winches | DAVIT INTERNATIONAL               | 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 |
| Winches | DAVIT INTERNATIONAL               | Single Drum, hydraulic-lowering/hydraulic hoisting  | 06KN-series  |
| Winches | DAVIT INTERNATIONAL               | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                      | 12-series, 40-series   |
| Winches | DENIZSAN                          | Single Drum Gravity lowering electric hoisting lifeboat /   | MTV1-series  |



## Annex N

### List of makes and types of equipment

|         |   |   |                            |
|---------|---|---|----------------------------|
|         |   | rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads  |                            |
| Winches | DINAMIC OIL                               | Single Drum, hydraulic-lowering/hydraulic hoisting  | FHW-series                 |
| Winches | DONG NAM ENTERPRISE.,CO LTD               | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | HLW-series                 |
| Winches | DONGNAM MARINE CRANE CO.,LTD.             | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | DSAD-series                |
| Winches | DONGNAM MARINE CRANE CO.,LTD.             | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | DRBD-series, DRBLRW-series |
| Winches | DONGWOO MACHINERY & ENGINEERING CO., LTD. | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | DBD-series                 |
| Winches | DONGWOO MACHINERY & ENGINEERING CO., LTD. | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads                                       | LW-series                  |
| Winches | DSB ENGINEERING CO LTD                    | Single Drum, hydraulic-lowering/hydraulic hoisting  | DRM-HW-series              |
| Winches | EO LIFESAVING                             | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | W-series                   |
| Winches | FASSMER                                   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric   | DEW-series                 |



## Annex N

### List of makes and types of equipment

|         |                 |   |  |
|---------|-----------------|---|--|
|         |                 | cam / decent brake<br>centrifugal pads  |  |
| Winches | FASSMER         | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | FFWH-series  |
| Winches | FASSMER         | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with<br>mechanically operated<br>multiple disks friction<br>pads / decent brake<br>hydraulic pump | FDW-series   |
| Winches | FASSMER         | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes, multiple disks,<br>hydraulically operated /<br>decent brake hydraulic<br>pump                    | FDW-series   |
| Winches | FASSMER MARLAND | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | FFWH-series  |
| Winches | FERRI           | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                 | 1702 TN-series,<br>1722 TN-series  |
| Winches | GLOBAL DAVIT    | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                 | 10KN-series,<br>W01KN-series,<br>W02KN-series,<br>W03KN-series,<br>W04KN-series,<br>W08KN-series |
| Winches | GLOBAL DAVIT    | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | 02H.06.01-series,<br>W05HC-series,<br>W08HC-series, WS-<br>series                                |
| Winches | GLOBAL DAVIT    | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads  | 14KN-series, 20KN-<br>series, 26KN-<br>series, W07KN-<br>series, W10KN-<br>series                |
| Winches | GREBEN          | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                 | EW-2-series  |
| Winches | GREBEN          | Single Drum, hydraulic-<br>lowering/hydraulic   | HW-series  |



## Annex N

### List of makes and types of equipment

|         |   |   |   |
|---------|---|---|---|
|         |   | hoisting  |   |
| Winches | GREBEN  | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                      | BE-series, CW-series, EW-series         |
| Winches | GURDESAN  | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads | GD-FLW-series                           |
| Winches | GURDESAN  | Single Drum, hydraulic-lowering/hydraulic hoisting  | GD-HC-A-series                          |
| Winches | HAEAN MACHINERY IND. CO. LTD.                                 | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads | HMI-series                              |
| Winches | HAEAN MACHINERY IND. CO. LTD.                                 | Single Drum, hydraulic-lowering/hydraulic hoisting  | HHD-PC-series                           |
| Winches | HARDING (UMO SCHAT HARDING)                                   | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                      | HD-series, MW-series                    |
| Winches | HARDING (UMO SCHAT HARDING)                                   | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump     | CW-series                               |
| Winches | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads          | 16 EBR-series                           |
| Winches | HARDING (UMO SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER) | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads | 08-02-series, FM 194-series, FME-series |
| Winches | HARDING (UMO SCHAT HARDING)                                   | Single Drum, hydraulic-lowering/hydraulic   | EW-02-PL-series                         |



## Annex N

### List of makes and types of equipment

|         |  |   |                                |
|---------|--|---|--------------------------------|
|         | (SCHAT DAVIT COMPANY)<br>(PALFINGER)                                   | hoisting  |                                |
| Winches | HARDING (UMO<br>SCHAT HARDING)<br>(SCHAT DAVIT COMPANY)<br>(PALFINGER) | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | BE-series                      |
| Winches | HARDING (UMO<br>SCHAT HARDING)<br>(PALFINGER)                          | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump                     | W-series                       |
| Winches | HARDING<br>(WATERCRAFT)  | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | MW-series, NW-series           |
| Winches | HATECKE (ERNST<br>HATECKE)   | Single Drum, hydraulic-lowering/hydraulic hoisting  | 07.02.08-series,<br>FFA-series |
| Winches | HYDRALIFT  | Single Drum, hydraulic-lowering/hydraulic hoisting  | SP-series                      |
| Winches | IHI MARINE UNITED<br>INC   | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | MUW-series                     |
| Winches | IKNOW MACHINERY  | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | EB-series                      |
| Winches | IMT CO., LTD   | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | ILR-W-series                   |
| Winches | JAPAN MARINE<br>UNITED CORP.   | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake                    | MU-series                      |



## Annex N

### List of makes and types of equipment

|         |  |   |                              |
|---------|--|---|------------------------------|
| Winches | JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD                                     | centrifugal w pads<br>Single Drum, hydraulic-lowering/hydraulic hoisting  | FW45-series                  |
| Winches | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | JYRZ-series                  |
| Winches | JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD) | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | JYW-series, JYWP-series      |
| Winches | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | NPT-DW-series                |
| Winches | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | Single Drum, hydraulic-lowering/hydraulic hoisting  | NPT-DF-series                |
| Winches | JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.                                  | 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 |
| Winches | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | JY-D 23Z-series              |
| Winches | JIANGYIN WOLONG F.R.P. BOAT CO. LTD.   | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | JYD-series                   |
| Winches | JIANGYINSHI BEIHAI   | Single drum Gravity lowering electric hoisting liferaft / rescue  | YZ-series                    |



## Annex N

### List of makes and types of equipment

|         |  |   |   |
|---------|--|---|---|
|         |  | boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads   |   |
| Winches | JIANGYINSHI<br>BEIHAI                              | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with<br>mechanically operated<br>multiple disks friction<br>pads / decent brake<br>centrifugal w pads | DS-series, DW-<br>series, DZ-series,<br>JYBW-series   |
| Winches | JUNG-A-MARINE<br>CO., LTD                          | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with<br>mechanically operated<br>multiple disks friction<br>pads / decent brake<br>centrifugal w pads | PCRLC-series  |
| Winches | MACGREGOR (TTS)<br>(HYDRAMARINE)                   | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | HMW-series  |
| Winches | MANSEI   | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                     | ERW-series, MLW-<br>series, RMW-<br>series, SW-series |
| Winches | MANSEI   | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | 06KN-series, FW-<br>series                            |
| Winches | MANSEI   | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads  | AW-series, CMW-<br>series, EW- series,<br>MW-series   |
| Winches | MANSEI   | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with<br>mechanically operated<br>multiple disks friction<br>pads / decent brake<br>centrifugal w pads | ABW-series, FBW-<br>series                            |
| Winches | MANSEI INDUSTRY<br>CO LTD                          | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads  | MW-7S & MW-7CS-<br>series                             |
| Winches | MIURA MACHINE<br>CO.,LTD (MIURA<br>VIDER) (MANSEI) | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band  | LBH-series, RBH-<br>series                            |



## Annex N

### List of makes and types of equipment

|         |   |   |   |
|---------|---|---|---|
|         |   | / decent brake centrifugal w pads   |   |
| Winches | NANJING DONGSHENG MARINE EQUIPMENT CO., LTD | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | DB14-series   |
| Winches | NAVIM GROUP (TECNIMPIANTI S.P.A)            | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | RBEW-series   |
| Winches | NED-DECK MARINE (PALFINGER)                 | Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads                          | 04-series   |
| Winches | NED-DECK MARINE (PALFINGER)                 | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | BREVINI BWC 050-series, BREVINI BWF 025-series, HWCT-series |
| Winches | NED-DECK MARINE (PALFINGER)                 | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | 15-series   |
| Winches | NOR DAVIT                                   | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | SP-series   |
| Winches | NOREQ (PALFINGER)                           | Single Drum, hydraulic-lowering/hydraulic hoisting  | NW-series   |
| Winches | NORSAFE                                     | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | NW-series   |
| Winches | ORIENTAL PRECISION                          | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric   | RDW-series  |



## Annex N

### List of makes and types of equipment

|         |  |   |   |
|---------|--|---|---|
|         |  | cam / decent brake<br>centrifugal pads  |   |
| Winches | ORIENTAL<br>PRECISION  | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | WL-series   |
| Winches | ORIENTAL<br>PRECISION  | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with<br>mechanically operated<br>multiple disks friction<br>pads / decent brake<br>centrifugal w pads | BWE-series, SWE-<br>series                        |
| Winches | PALFINGER  | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes, multiple disks,<br>hydraulically operated /<br>decent brake hydraulic<br>pump                        | CW-series, W-<br>series                           |
| Winches | PELLEGRINI MARINE<br>EQUIPMENT                               | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                     | RLC-series  |
| Winches | PELLEGRINI MARINE<br>EQUIPMENT                               | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads  | VAS 45 E-series                                   |
| Winches | QINGDAO BEIHAI<br>SHIPBUILDING<br>HEAVY INDUSTRY<br>CO. LTD. | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                     | BW-SC-series                                      |
| Winches | QINGDAO BEIHAI<br>SHIPBUILDING<br>HEAVY INDUSTRY<br>CO. LTD. | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads  | BW-HL-series, BW-<br>HR-series, BW- LL-<br>series |
| Winches | SEC (SHIPS<br>EQUIPMENT<br>CENTRE)                           | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads                     | WL-series   |
| Winches | SEKIGAHARA   | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w/holding static<br>brakes with  | SNW-series, SWE-                                  |



## Annex N

### List of makes and types of equipment

|         |   |   |                              |
|---------|---|---|------------------------------|
|         |   | mechanically operated<br>multiple disks friction<br>pads / decent brake<br>centrifugal w pads   | series                       |
| Winches | SEKWANG MARINE<br>MACHINERY CO,<br>LTD        | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads | RBW-series                   |
| Winches | SERVO SHIP S.L                                | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | FFRW 4500KG-<br>series       |
| Winches | SURVIVAL SYSTEMS<br>INT.                      | Single Drum Gravity<br>lowering electric<br>hoisting lifeboat /<br>rescue boat / static<br>brake pad, cone, disk,<br>band / decent brake<br>centrifugal pads          | W-series                     |
| Winches | TAIZHOU HAIHAO<br>MARINE EQUIPMENT<br>CO.,LTD | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads | 21KN-series                  |
| Winches | TECHNIMPIANTI<br>S.P.A                        | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | HW-series                    |
| Winches | TMA   | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | TN/MW-series                 |
| Winches | TSUJI HEAVY<br>INDUSTRIES                     | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads | TC-series                    |
| Winches | TSUJI HEAVY<br>INDUSTRIES                     | Twin Drum, gravity-<br>lowering/electrically<br>hoisting w / static brake<br>cone / disk / pads / band<br>/ decent brake<br>centrifugal w pads                        | EB-series                    |
| Winches | ULSTEIN FAMA<br>(FAMA GNIEW)                  | Single drum Gravity<br>lowering electric<br>hoisting liferaft / rescue<br>boat / static brake pad,<br>cone, disk, eccentric<br>cam / decent brake<br>centrifugal pads | ER10B-series, ERM-<br>series |
| Winches | VERHOEF                                       | Single Drum, hydraulic-<br>lowering/hydraulic<br>hoisting   | FL 50-series                 |



## Annex N

### List of makes and types of equipment

|         |  |   |   |
|---------|--|---|---|
| Winches | VESTVINSJ                                    | Single Drum, hydraulic-lowering/hydraulic hoisting  | A-273-7-series, BW-series                             |
| Winches | VIKING (NORSAFE)                             | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | W-series  |
| Winches | VIKING (NORSAFE) (JIANGYIN)                  | Single Drum, hydraulic-lowering/hydraulic hoisting  | HYD-FF-series   |
| Winches | VIKING (NORSAFE) (JIANGYIN)                  | Single Drum, hydraulic-lowering/hydraulic hoisting  | HYD-FF-series   |
| Winches | WELIN LAMBIE                                 | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | 5619-series, 9502-series, PIV.1.0A-series, RBW-series |
| Winches | WELIN LAMBIE                                 | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | 53-series, 55-series, 97-series                       |
| Winches | WUXI DONGWU                                  | 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                                |
| Winches | WUXI HUAHAI                                  | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | HMW-series  |
| Winches | WUXI HUAHAI MARINE EQUIPMENT LIMITED CO. LTD | Twin Drum, gravity-lowering/electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads | MW-series   |
| Winches | YILMAZ DENIZCILIK                            | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad,   | YDGS 10-series  |



## Annex N

### List of makes and types of equipment

|         |  |   |  |
|---------|--|---|--|
|         |  | cone, disk, eccentric cam / decent brake centrifugal pads   |  |
| Winches | YOUNGNAM MACHINERY CO. LDT                 | Twin Drum, gravity-lowering/electrically hoisting w / static brake cone / disk / pads / band / decent brake centrifugal w pads                                      | YNBW-series                              |
| Winches | ZHEJIANG HENGXIN SHIP EQUIPMENTS CO.,LTD   | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | YZ-series                                |
| Winches | ZHENJIANG DH MARINE EQUIPMENT CO.,. LTD    | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | DW-series                                |
| Winches | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads                 | SAF-series                               |
| Winches | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | Single Drum, hydraulic-lowering/hydraulic hoisting  | SAW30-series                             |
| Winches | ZHENJIANG MARINE AUXILIARY MACHINERY WORKS | 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                      |
| Winches | ZHENJIANG WEST MARINE EQUIPMENT CO., LTD   | Single Drum, hydraulic-lowering/hydraulic hoisting  | WME-LRH35-series                         |
| Winches | ZOLLERN                                    | Single Drum, hydraulic-lowering/hydraulic hoisting  | A2FM45-61A-series, ZHP-series, ZR-series |