



# Indian Register of Shipping

## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

This is to certify that, based upon satisfactory audit and witnessing the service carried out by the firm in accordance with IRS procedures

**KOSCO CO LTD**

535, Taejong-ro,  
Yeongdo-gu,  
BUSAN  
KOREA

*has been approved for:*

*Carrying out maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear.*

Completion date of verification on which this certificate is based **02/03/2023**.

This certificate is valid upto **01/03/2026**.

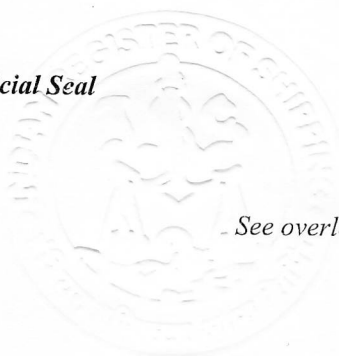
- The approval is subject to the terms and conditions as specified in Annexure I to this certificate.
- The approval is granted for makes and types as specified in Annexure II to this certificate.
- The approval is in accordance with IMO Resolution MSC. 402(96)
- Personnel undertaking maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear shall be in possession of valid certificate for the work/s undertaken.

Issued at **MUMBAI** on **10/03/2023**.



T. Ghosh

*Official Seal*



*Head of Department  
Ships and Technical Services  
Indian Register of Shipping*

*See overleaf for conditions of issue of this certificate*

**This Certificate is issued upon the following terms and conditions as laid down in the Society's Regulations:-**

Whilst Indian Register of Shipping, a Classification Society, along with its subsidiaries and associates (hereinafter referred to as the Society) and its Board/Committees use their best endeavors to ensure that the functions of the Society are properly carried out, in providing services, information or advice neither the Society nor any of its servants or agents warrants the accuracy of any information or advice supplied. Except as set out herein neither the Society nor any of its servants or agents (on behalf of each of whom the Society has agreed this clause) shall be liable for any loss damage or expense whatever sustained by any person due to any act or omission or error of whatsoever nature and however caused of the Society, its servants or agents or due to any inaccuracy of whatsoever nature and howsoever caused in any information or advice given in any way whatsoever by or on behalf of the Society, even if held to amount to a breach of warranty. Nevertheless, if any person uses services of the Society, or relies on any information or advice given by or on behalf of the Society and suffers loss damage or expenses thereby which is proved to have been due to any negligent act omission or error of the Society, its servants or agents or any negligent inaccuracy in information or advice given by or on behalf of the Society then the Society will pay compensation to such person for his proved loss up to but not exceeding the amount of the fee charged by the Society for that particular service, information or advice.

Any notice of claim for loss, damage or expense, as referred to above, shall be made in writing to the Society's Head Office within six months of the date when the service, information or advice was first provided, failing which all the rights to any such claim shall be forfeited and the Society shall be relieved and discharged from all liabilities.





# Indian Register of Shipping

KOSCO CO LTD

## Annexure I

### Terms and Conditions of Issuance of the Certificate

The society reserves the right to invalidate this approval, under following conditions:

1. Where the service was improperly carried out or the results were improperly reported.
2. Where surveyor finds deficiencies in the approved service operating system of the supplier and appropriate corrective action is not taken.
3. Where alterations have been made to the Quality System relevant to the service supplier certificate, without written notification to IRS.
4. Where willful acts or omissions are ascertained.
5. Where any deliberate misrepresentation has been made by the service supplier.
6. Confidentiality (detail information acquired during the job) shall not be disclosed or released to third party without permission of this society.





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## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

Date: 10/03/2023

KOSCO CO LTD

### ANNEXURE II

Name of Personnel: Mr. Lee Han			
EQUIPMENT	MAKE	TYPE	QUALIFICATION LEVEL
1. Life Boat 2. Davit 3. Winch 4. Release Mechanism	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	TOTAL ENCLOSED LIFEBOAT: BH-5, 5A,5S,5SA,E500,E585,6,6A,6S,E670,7A,7B,8 FREEFALL LIFEBOAT: BH-F6.0,F7.0A,F7.8,F8.1,F5.8,F6.8,F660, F670,F750,F900A RESCUE BOAT: BH-R4, R4S,R4SA,R5S GRAVITY PIVOT DAVIT: BD-PV50,PV60,PV85,PV125 FREEFALL LAUNCHING DAVIT: BD-FF55,55A,55R,FF80,80A,80R,80B,F65/66/67,FF85 SINGLE ARM DAVIT: BD-SA14,14A,14B,SA21,SA23,SA30,30A,SA33,SH23 WINCH: BW-H(L/R)31,50,63,75; L(L/R)75,125;SC14;21,YSB20-120 RELEASE MECHANISM GRAVITY LIFEBOAT: BG-3,3R,3L, BG-7; BH-HOOK3, HOOK5,FS5,FS7 FREEFALL LIFEBOAT: BG-3F,3.5F,4F,4.5F,4.5FL,5F,6F RESCUE BOAT: BG-2R,15KNXS,21,23,25KNXS,35KNXS	ATE+FTE
1. GRAVITY TYPE LIFEBOAT 2. GRAVITY TYPE DAVIT 3. HYDRAULIC TYPE DAVIT	DSB ENGINEERING CO .LTD.	GRAVITY TYPE LIFEBOAT: DSB50F/C, DSB58F/C,DSB60F/C, DSB75F/C, DSB85F/C,DSB95F/C, DSB150F/C GRAVITY TYPE DAVIT: DSB60DL,DSB85DL,DSB138DL,D SB205DL	ATE+FTE

#### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

Qualification Level: ATE (annual thorough examination & operational test), FTE: 5 Yearly thorough examination, Overload Ops test, O'haul.



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4. FREEFALL TYPE LIFEBOAT 5. FREEFALL TYPE DAVIT 6. RESCUE BOAT 7. RESCUE BOAT DAVIT		HYDRAULIC TYPE DAVIT: DSB150DYL FREEFALL TYPE LIFEBOAT: DSB49FF/FC,DSB59FF/FC,DSB75F F/FC FREEFALL TYPE DAVIT: DSB70DF,DSB85DF RESCUE BOAT: DSB40R,DSB60RA/RB RESCUE BOAT DAVIT: DSB23DR,DSB30ARH, DSB18/27DR	
1. HINGED GRAVITY TYPE DAVIT & WINCH 2. FREEFALL DAVIT & WINCH 3. RESCUE/ LIFERAFT DAVIT & WINCH	ORIENTAL INSPECTION & SERVICE CO. LTD.	HINGED GRAVITY TYPE DAVIT & WINCH: DAVIT: HGD SERIES, HGK SERIES,SHS SERIES, RTD SERIES,DHA SERIES,DMA SERIES WINCH: BWE SERIES, SWE SERIES, WL SERIES  FREEFLAA DAVIT & WINCH: FD SERIES, WL SERIES  RESCUE/ LIFERAFT DAVIT & WINCH RD SERIES, RDW SERIES	ATE+FTE
LAUNCHING APPLIANCES : DAVIT(LA-D)	SEKIGAHARA SEISAKUSHO LTD.	TYPE/SERIES: SH,SFB,SHS,STS,SSS,SFS,SFA,SF C,SFD,SJS,SJR	ATE+FTE
1. LAUNCHING APPLIANCES: (LA-D) 2. LAUNCHING APPLIANCES: (LA-W)	DONG WOO MACHINERY & ENGINEERING CO. LTD.	TYPE/SERIES: DWS SERIES, LRDS SERIES, RBDS SERIES,HINGED GRAVITY BOAT DAVIT AND FREEFALL DAVIT, RESCUE DAVIT AND LIFERAFT DAVIT	ATE+FTE
LAUNCHING APPLIANCES : DAVIT(LA-D)	SANGSANGIN INDUSTRY CO. LTD. ( Ex. DONGNAM MARINE CRANE CO. LTD. & Dongnam Enterprise)	TYPE/ SERIES: 1. HINGED GRAVITY TYPE- DHG-57-FM, HGW-40-FM, DHG-70-FM, HGW-52-FM, HGW-50-FM, DHG-73-FM, HGW-61-DM 2. SINGLE ARM TYPE- DLRD, DRLD, DSAD, PV combined, DCHH, DPR,DNR,DRBD,DSAC 3. FREEFALL TYPE DAVIT- FF,HDF	ATE+FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

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1. LAUNCHING APPLIANCES: DAVIT (LA-D)	CSSC LUZHOU ZHENJIANG MARINE AUXILIARY MACHINERY CO. LTD.	DAVIT: GRAVITY DAVIT: LE55-1/LE65- 1/LE85-1/LE100-1/LE138-1/LE170- 1 /HE65/HE85/HE/100/HE138/H170/R E50/RE60/RE80/RE100/SRH65/SRH 85/SRH100/SRH120/SRH150/SRH1 70/SRH200/SRH230/ GL65/GL85/GL110/GL138/GL165/T G65/TG85/TG110/TG150/TG170/T G200/TG230/HT80/HT100/HT150/H T210/LC400 LAUNCHING APPLIANCE DAVIT: FH55/FH70/FH75/FH85/FH100 SINGLE ARM DAVIT AND CRANE: SAF14/SAFC21/SAFC25/SA32/HD CL2-6.5/HDCL3-6/HDCL3- 10/LA25/LA35 OFF-SHORE DAVIT: PL65/PL85/PL100/PL110/PL120/PL 138/PL150/PL180/PL200/PL230 FAST RESCUE BOAT DAVIT: LFR30/LFR350/LFR55/LFRH30/LE FR50/LFRH60/DH30/SAWH30/SA WH45/SAWH60  BOAT: TOTALLY ENCLOSED LIFEBOAT: YH5.0QFP/YH5.0QFN/YH6.5QFP/ YH6.5QFN/YH8.5QFP/YH8.5QFN/ YH8.5QFP-A/ YH8.5QFN- A/YH10.3QFP/YH10.3QFN/YH9.5Q FP/TH9.5QFN/YH12.0QFP/YH12.0 QFN/YH9.9BFP/YH12.5BFP/ZZHG- BF-12.5 FREEFALL LIFEBOAT: YH5.9FP/YH5.9FN/YH6.7FP/YH6.7 FN/YH7.5FP/YH7.5FN/YH8.5FP/Y H8.5FN FAST RESCUE BOAT: YH4.5R/YH4.5DR/YH7.5 HOOK; HK25/HK25B/HK40/HK40C/HK65/	ATE+FTE
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### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D);  
Winch(LA-W) or (LA-D&W); Release Gear(RG)

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1. LIFEBOAT 2. RESCUE BOAT 3. FREEFALL LIFEBOAT 4. DAVIT 5. WINCH 6. RELEASE MECHANISM	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	SH70/SH85 TOTALLY ENCLOSED LIFEBOAT: JY50C/F, JY50CA/FA, JY57C/F, JY60C/E/F, JY65C/F, JY70C/F, JY80C/F, JY80CA/FA, JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102/F, JY117C/F FREE FALL LIFEBOAT JY85C/F, JY85CA/FA, JY85CB/FB, JY93C/F, JY102/F, JY117C/F RESCUE BOAT JY40KR,JY42KR,JY45DR,JY45KR, JY50R,JY54KR,JY60KR,JY65KR,J Y75KR,JY85KR PARTIALLY ENCLOSED LIFEBOAT JY70P,JY80P,JY85P OPEN TYPE LIFEBOAT: JY45KR,JY55K,JY65K,JY70K,JY80 K,JY85K GRAVITY LUFFING ARM TYPE DAVIT JY-LE65,JY-LE85,JY-LE100,JY- LE150 LAUNCHING APPLIANCE OF FREE FALL LIFEBOAT JY-FH55, JY-FH70, JY-FH90, JY- FH155 PLATFORM DAVIT JY-PL70,JY-PL110,JY-PL150,JY- PL185,JY-PL215 SINGLE ARM BOAT/RAFT DAVIT JY-SAF21,JY-SAF23,JYSA23S, JY- SA37S, JY-SR33S,JY-SAF33,JY- HSR23/16,JY-HSR33/23,JY- FCR2066, JY-FCR2305 RESCUE BOAT DAVIT JY-PLR21, JY-LFR27,JY-LRHE30, JYLRHE70,JY-LFR35, JY-SAP14, JY-SAP30 GRAVITY OVERHEAD ROLLING TYPE DAVIT JY-HE70, JY-HE95, JY-HE120, JY- HE155 TELESCOPIC BOOM TYPE	ATE+FTE
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### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

Qualification Level: ATE (annual thorough examination & operational test), FTE: 5 Yearly thorough examination, Overload Ops test, O'haul.



## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

		<p>DAVIT  JY TBD120, JY-TBD 215, JY-TBD35  HYDRAULIC LUFFING ARM TYPE  JY-GYE70, JY-GYE120, JY-GYE185  CONNECTING ROD TYPE DAVIT  JY-GL70, JY-GL95, JY-GL120, JY-GL185  WINCH  JY-SAP14, JY-D23Z, JY-D23/16Z, JY-SAFC23, JY-D33/23Z, JY-SAF33, JY-LRHE30, JY-PLR21, JY-LFR27, JY-LRHE70  JY-D50S/Z, JY-D70S/Z, JY-D85S/Z, JY-D110S/Z, JY-DW125S, JY-DP110S/Z, JY-DP150/Z, JY-DP185, JY-DP215  RELEASE MECHANISM ( LB &amp; RB)  HK40, HK40A, HK50B, HK50A, FHK70,  HK70, HK115, LB60MR, LB80MR, LB120MR, FHK80, FHK90, LB35MRS, LB70MRS</p>	
<p>1. DAVITS  2. LAUNCHING APPLIANCES  3. WINCH</p>	<p>SHEYANG SAIFUTE  MARINE AUXILIARY MACHINERY PLANT  JIANGSU</p>	<p>GRAVITY LUFFING ARM DAVIT: 14KN/25KN/50KN/60KN/90KN/100KN/120KN  GRAVITY SLIDING TRACK DAVIT: 15KN/40KN  CROSS DECK GRAVITY SLIDING TRACK DAVIT: 30KN/110KN  PLATFORM DAVIT: 48KN/110KN  FREEFALL LIFEBOAT LAUNCHING APPLIANCES: 55KN/70KN  SINGLE ARM RESCUE DAVIT: 10KN/14KN/SFTSA10DS  SINGLE ARM RESCUE BOAT/RAFT LAUNCHING APPLIANCES: 21KN/25KN/40KN  LIFE RAFT LAUNCHING APPLIANCE : 15KN/21KN/25KN  SINGLE ARM RESCUE BOAT/</p>	<p>ATE+FTE</p>

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		RAFT LAUNCHING APPLIANCE & PROVISION CRANE: 21KN HYDRAULIC SLEWING BOAT- RAFT DAVIT: SFT-14KN/ FCD3T*10M/25KN*10M FAST RESCUE BOAT DAVIT: SFT-AFR25 ELE. RESCUE BOAT WINCH: 25KN/40KN/D50Z/63KN/E100R/D1 00Z ELE.LIFEBOAT WINCH: 14KN/25KN/40KN/D50S/63KN/E70 L/D100S/E100L	
1. LIFEBOAT 2. RESCUE BOAT 3. FREEFALL LIFEBOAT 4. RELEASE GEAR	WUXI WENJIAO GLASS FIBRE REINFORCED PLASTIC FACTORY	TOTALLY ENCLOSED LIFE/ RESCUE BOAT: WJB50F, WJB50C, WJ57F, WJ57C, WJ58F, WJ58C, WJ75F, WJ75C FREEFALL LIFEBOAT: WJ59FF, WJ59FC, WJ67FF, WJ67FC RESCUE BOAT: WJ40R, WJ45KR, WJ45D3, WJ45D, WJ55D, WJ60RA, WJ60RB LIFEBOAT(OPEN TYPE) WJ45D, BJ55, BJ60, BJ70, BJ75, BJ80, BJ85 RELEASE GEAR WJHK40, WJ30HK, WJ67HK	ATE+FTE
1. LIFEBOAT 2. RESCUE BOAT 3. FREEFALL RESCUE BOAT 4. HIGH SPEED RESCUE BOAT 5. RELEASE GEAR	WUXI HAI HONG BOAT MAKING CO. LTD.	TOTALLY ENCLOSED LIFE/ RESCUE BOAT SERIES HH70C/HH70T(QFP7.0/QFN7.0/QF N7.0) HH85C3/HH83TS(QFP8.5/QFN8.5) HH65CS / HH65TS (QFP6.5/QFN6.5) HH 75CS / HH75TS(QFP7.5/QFN7.5) HH80CS/HH80TS(QFP8.0/QFN 8.0) HH65C/HH65T (QFP(H)6.5/QFN(H)6.5) HH50C/HH50T, HH53C/HH53T( QFP(H)5.3) HH75C(QFP(H)7.5), HH85C/HH85T, HH57C/HH57T FREEFALL LIFEBOAT SERIES HH59FC/HH59FF, HH76FC/HH76FF	ATE+FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D);  
Winch(LA-W) or (LA-D&W); Release Gear(RG)

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		RESCUE BOAT SERIES: GJ4.5B/ GJ4.5B1 HIGH SPEED RESCUE BOAT SERIES: GJ618A/GJ618B RELEASE GEAR SERIES: HH76/HH43/HH30/HH20	
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	A-TECH	1. WINCH MOTOR HANDLING DAVIT: AIR TYPE/ ELEC. TYPE 2. RESCUE BOAT LAUNCHING DAVIT: ELEC. TYPE/ HYD. TYPE 3. LIFERAFT DAVIT & WINCH: MANUAL	ATE+FTE
1. LIFEBOAT 2. RESCUE BOAT 3. FREEFALL RESCUE BOAT 4. RELEASE GEAR	NISHI-F CO LTD ( NISHI-NIPPON F.R.P. SHIPBUILDING CO. LTD. & ISHIHARA DOCKYARD CO.LTD)	TYPE/ SERIES: G- SERIES ML- SERIES F -SERIES	ATE+FTE
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	IKNOW MACHINERY CO. LTD.	DAVIT: SERIES- H,T,TC WINCH: SERIES-EB, TC,OAP	ATE+FTE
1. RELEASE MECHANISM (RG)	WUXI MINGZI MACHINERY MANUFACTURING CO. LTD.	LIFEBOAT RELEASE HOOK MECHANISM: MODEL: HK40, WHK40, WHK65 DAVIT LAUNCHED RESCUE BOAT MANUAL RELEASE HOOK: MODEL: 15KN DAVIT LAUNCHED LIFERAFT MANUAL RELEASE HOOK MODEL: 21-25KN LIFERAFT/ RESCUE BOAT MANUAL/ AUTOMATIC RELEASE HOOK MODEL: 31-37KN	ATE+FTE
1. LIFEBOAT 2. RESCUE BOAT	PESBO SPAIN SL	TOTALLY ENCLOSED LIFEBOAT: BSC-25M/MCI, BSC-30M/MCI, BSC-40M/MCI, BSC-50M/MCI, BSC-65M/MCI PARTIALLY ENCLOSED	ATE+FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D);  
Winch(LA-W) or (LA-D&W); Release Gear(RG)

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		LIFEBOAT: BS-25M, BS-30M, BS-40M, BS-50M, BS-65M, BS-99M, BS-150M RESCUE BOATS: BR-500/FB, BR-650 TENDER LIFEBOATS BS-TD-150M/ME	
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	SHINMYUNG TECH CO LTD	TYPE/ SERIES: SM-LRD, SMRB&PVH, SMRB&LR, SMRBD-LSW, SMLRD-LSW, SMRB&LR-NLSW	ATE+FTE
1. LIFEBOAT 2. FREEFALL LIFEBOAT 3. RESCUE BOAT 4. RELEASE GEAR (HOOK) 5. LAUNCHING APPLIANCES (LA-D) 6. LAUNCHING APPLIANCES (LA-W)	JIANGSU JIAOYAN MARINE EQUIPMENT CO. LTD. (Formerly: JIANGYIN XINJIANG F.R.P. CO. LTD.)	FREEFALL LIFEBOAT: JY-FN-4.9/ JY-FF-4.9/JY-FN-5.8/JY-FF-5.8 JYM-FN-6.65/JYM-FF-6.65/JY-FN-6.8/JY-FF-6.8 JY-FN-7.5/JY-FF-7.5/JY-FN-8.5/JY-FF-8.5 RESCUE BOAT: GJ4.2/GJ4.25/GJ4.5/GJ5.0/GJ5.25/GJ6.0B-1/GJ6.10/GJ7.50/GJ8.0Q-2/GJ8.5Q-2 TOTALLY ENCLOSED LIFEBOAT: JY-QFP/N-5.0/JY-QFP/N-5.25/JY-QFP/N-6.0A/JY-QFP/N-6.50 JY-QFP/N-7.0/JY-QFP/N-7.5/JY-QFP/N-7.50A JY-QFP/N-8.00/JY-QFP/N-8.50/JY-QFP/N-8.50X JY-QFP/N-9.35/JY-QFP/N-10.90A HOOK: JZ & JXN SERIES GRAVITY LUFFING ARM TYPE DAVIT: JYL52/JYL55/JYL68/JYL85/JYL105/JYL135 LAUNCHING APPLIANCES: JYF55/JYF75/JYF75-B/JYF90 PLATFORM DAVIT JYP65/JYP85/JYP105/JYP135 SINGLE ARM DAVIT: JYR21/JYR21S- A/JYRC21/JYR23/JYR14/JYRH14/J	ATE+FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

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		YRH21 ELECTRIC BOAT WINCH: FW45/JYW42/JYW50/JYW70/JYW 100/JYWP70/JYWP100/JYWP135/J YW35/JYRZ21	
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	SEKWANG MARINE MACHINERIES CO. LTD.	HINGED GRAVITY LIFEBOAT DAVIT WITH WINCH SK-EHRLD-6P,16P,17P,18P	ATE
1. LIFEBOAT 2. FREEFALL LIFEBOAT 3. RESCUE BOAT 4. RELEASE GEAR (HOOK) 5. LAUNCHING APPLIANCES (LA-D) 6. LAUNCHING APPLIANCES (LA-W)	ZHEJIANG HENGXIN SHIP EQUIPMENTS CO. LTD.	LIFEBOAT SERIES: BCC,BCF,BCFC,BCFF RESCUEBOAT SERIES: GJ,FRH,RH RELEASE MECHANISM SERIES: HK DAVIT SERIES: FH, SA, HDC, LFR, LR, HE, PD,SRH, LB,KN WINCH SERIES: DZB, D, DW	ATE+FTE
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	WUXI DONGWU MARINE EQUIPMENT CO. LTD.	GRAVITY LUFFING ARM DAVIT: 18kN/25kN/40kN/50kN/60kN/60kN( 60L)/85kN/110kN/T2.5/Sk50 GRAVITY SLIDING TRACK DAVIT: 25kN/30kN FREEFALL LIFEBOAT LAUNCHING APPLIANCES: F55/F70/NPT100F RESCUE BOAT/ LIFERAFTS LAUNCHING APPLIANCES: 21kN(MANUAL)/21kN(ELECTRIC AL)/21kN(ELECTRICAL/HYDRAU LIC)/ 25kN (ELECTRICAL/HYDRAULIC)/ 35kN (ELECTRICAL/HYDRAULIC)/DW C210 RESCUE BOAT LAUNCHING APPLIANCES: A30/H35 LIFEBOAT WINCH:	ATE+FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D);  
Winch(LA-W) or (LA-D&W); Release Gear(RG)

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		DS*ZY25/DS*ZY40/D50S/DS*ZY63/D63S/80kN(life) LIFE/ RESCUE BOAT WINCH: DZY/Z21/DZ*ZY25/DZ*ZY40/D50Z/DZ*ZY63/D63Z/80kN(rescue)	
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	WUXI HAIDELONG MARINE EQUIPMENT CO. LTD.	FREEFALL LIFEBOAT LAUNCHING APPLIANCES: LA-D: HDL70FA, HDLZ0720 LA-W: HDL70FA (WINCH), HDLZ0720 (WINCH) RESCUEBOAT/LIFERAFTS LAUNCHING APPLIANCES: LA-D: HDL415 (DAVIT), SA23(DAVIT),HDL21(DAVIT) LA-W: HDL415 (WINCH), SA23 (WINCH), HDLW21	ATE+FTE
<b>Name of Personnel:</b> Mr. SEONG MIN KIM			
EQUIPMENT	MAKE	TYPE	QUALIFICATION LEVEL
1. LAUNCHING APPLIANCES (LA-D) 2. LAUNCHING APPLIANCES (LA-W)	WUXI HAIDELONG MARINE EQUIPMENT CO. LTD.	FREEFALL LIFEBOAT LAUNCHING APPLIANCES: LA-D: HDL70FA, HDLZ0720 LA-W: HDL70FA (WINCH), HDLZ0720 (WINCH) RESCUEBOAT/LIFERAFTS LAUNCHING APPLIANCES: LA-D: HDL415 (DAVIT), SA23(DAVIT),HDL21(DAVIT) LA-W: HDL415 (WINCH), SA23 (WINCH), HDLW21	ATE+FTE
<b>Name of Personnel:</b> Mr. LEE HAN			
EQUIPMENT	MAKE	TYPE	QUALIFICATION LEVEL
1. LAUNCHING APPLIANCES (LA-D)	ARIM MACHINERY & ENG. CO.	RESCUEBOAT & LIFERAFT LAUNCHING APPLIANCE 1. ARPV/RVD-2109 CSN SERIES 2. ARPV/RVD-1875 QHS SERIES 3. ARPV/RVD-2260 JINSE SERIES 4. ARPV/RVD-2108 SK-H SERIES 5. MS07 SERIES 6. LRBD-20 SH SERIES LIFERAFT LAUNCHING APPLIANCES: 1. ARLD-20P SK-H SERIES	ATE +FTE

### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

Qualification Level: ATE (annual thorough examination & operational test), FTE: 5 Yearly thorough examination, Overload Ops test, O'haul.



# Indian Register of Shipping

## CERTIFICATE OF APPROVAL FOR SERVICE SUPPLIERS

Name of Personnel: Mr. LEE HAN			
EQUIPMENT	MAKE	TYPE	QUALIFICATION LEVEL
		2. ARPV/LD-2050 SK-H SERIES	

T. Ghosh

Official Seal

Head of Department  
Ships and Technical Services  
Indian Register of Shipping



### Abbreviations:

Equipment: Life Boat(LB), Freefall Life Boat(FFLB), Rescue Boat(RB), Fast Rescue Boat(FRB), Launching Appliances: Davit(LA-D); Winch(LA-W) or (LA-D&W); Release Gear(RG)

Qualification Level: ATE (annual thorough examination & operational test), FTE: 5 Yearly thorough examination, Overload Ops test, O'haul.