



证书格式号: TAC101

中国船级社 CHINA CLASSIFICATION SOCIETY

型式认可证书 CERTIFICATE OF TYPE APPROVAL

证书编号/Certificate No. GZ19P2008-1

兹证明本证书所述制造厂生产的下列产品能够满足下面列明认可标准的要求。

This is to certify that the following products produced by the manufacturer stated in the certificate can meet the requirements of the approval standards listed below.

认可产品/Product Approved

水面救生无人航行装置 (海豚 1 号)

Unmanned Surface Rescue Vehicle (Dolphin 1)

制造厂名称及地址/Manufacturer and address

珠海云洲智能科技有限公司

Zhuhai Yunzhou Intelligence Technology Ltd.

广东省珠海市唐家湾镇软件园路 1 号教学区 2#214 室

D2-214, No.1 Software Road, Tangjiawan Town, Zhuhai, Guangdong, China

认可标准/Approval Standard

1、Q/YZ 2-2019《水面救生机器人 (海豚 1 号)》

Q/YZ 2-2019 Unmanned Surface Rescue Vehicle (Dolphin1)

证书有效期至/This Certificate is valid until

2024 年 03 月 15 日 / March. 15, 2024

发证地点

Issued by

北京

Beijing

签发日期

Issue date

2020 年 03 月 16 日

March. 16, 2020

在本证书的有效期内, 应经本社年度复查方可保持有效。

This Certificate is valid subject to annual surveillance by the Society within the validity period.

年度复查确认签证 Confirmatory endorsement of annual surveillance		
日期 Date	日期 Date	日期 Date

本证书根据中国船级社有关程序规定签发。当本证书包括多页纸张时, 则所有证书页为一个整体, 必须同时使用。每一页证书均须由本社盖章方为有效。证书复印件无效。任何单位和个人均不应摘取或节选本证书的部分内容。有关各方对所持证书的真实性负责, 可以向本社检验机构咨询。
This Certificate is issued pursuant to the related procedures of the Society. When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate page is valid without bearing the stamp of the Society and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. This approval certificate does not constitute the final confirmation of the Society about the quality of the actual product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.

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产品明细/Product Description

产品名称/ Product name	型号规格/ Type	项目/ Test item	参数/ Parameter
水面救生无人航行装置（海豚1号）/ Unmanned surface rescue vehicle (Dolphin 1)	YZ-DLJS30	装置重量/Weight	整机重量/Overall Weight: 13.75 Kg 控制装置/Controller Weight: 0.45 kg
		装置尺寸/Size	1190*850*200 mm
		通讯距离/Range	装置的最大通讯距离不小于 800 m/ Maximum communication distance≥800 m
		航行速度/Speed	空载最大航速/ NO load maximum speed: 13 km/h
			满载最大航速/ Full load maximum speed: 8 km/h
		载重量/ Load	装置的最大载重量不小于 32kg/ Maximum load ≥32 Kg
		续航时间/Endurance	空载最大续航时间/ Endurance without payload : 35 min
			满载最大续航时间/ Endurance with fully loaded: 17 min
		警灯闪烁频率/ Light flashing freq.	80 times/min
		水密性能/ Water proof level	IP 67
		耐高低温性能/ High & low temperature resistance	最低温度 Low temp./-10℃, 放置/Stay/2h, 工作正常/working properly
			最高温度 High temp./60℃, 放置/Stay/2h, 工作正常/working properly
		抗跌落性能/ Drop resistance	沿 Z 轴 5m 高跌落水中, 工作正常/5m height drop test, working properly
		防腐蚀性能/ Corrosion resistance	高盐雾环境下, 经历 48h 盐雾试验无腐蚀, 且能正常工作/No corrosion and working properly after 48h high salt fog environment experiment
		防倾覆和顶流功能/ Anti-overturning & against flow function	装置具有防倾覆功能, 顶流能力, 在 3 级海况条件下, 可承受水流不小于 1m/s 的流速, 正常航行 / The device has the function of anti-overturning and the ability of against flow. Under the condition of sea state 3, it can bear the flow rate of not less than 1 m/s.

批准的图纸和设计计算书/ Approved Drawings and Design Calculations

Nil/无

认可试验项目和结果/Approval Scope of Testing and Result 或 产品认可试验报告/Approval Test Report

试验报告编号/ Test Report No.:

2019013

试验报告日期/ Test Report Date:

2019-09-23

试验单位/ Laboratory:

武汉船舶救生设备质量检验检测中心/

Wuhan Testing Center of Marine Life-saving Appliances

试验单位地址/ Test Address:

湖北省武汉市硚口区六角亭新路 128 号/

128 Liujiaoting Xinlu, Qiaokou District Wuhan, Hubei Province

产品适用范围/Scope of the Product

用于水上救援,但不能替代船舶与海上设施救生圈 / Applied to water surface rescue, but cannot replace ships and Marine facilities

lifebuoy.

认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果图纸、技术文件、工艺规程有较大改变, 应征得本社同意。若改变涉及或影响到产品的设计、主要制造材料、关键工艺或产品的特性、特征, 则与特性有关的图纸和技术文件应经过本社审批, 并在检验机构认为必要时, 经本社检验人员到厂进行检查和见证有关试验, 其结果应能证实仍符合认可条件。

After works approval, if there are any major changes to the drawings, technical documents, specifications, prior consent should be obtained from the survey office of the Society. If the changes involve or affect product design, major construction materials, key workmanship or product characteristics and properties, drawings and technical documents related to properties are to be examined and approved by the Society and, where deemed necessary by the survey office, the surveyor to the Society will go to the manufacturer to inspect or witness relevant tests and the results of the tests should be able to demonstrate compliance with the approval conditions.

2. 工厂的专业质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The professional quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 型式认可证书获得者应接受本社每年一次的年度复查, 年度复查日为认可证书的签发日起的每一周年日, 检查工作可在年度复查日的前后三个月内进行。

Those who have obtained the certificate of type approval shall receive surveillance done by the Society on an annual basis. The date of surveillance shall be each anniversary date of the approval certificate since the date of issuance and the surveillance may be done within a time span of three months before and after the annual surveillance date.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准或备查的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved or noted by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the certificate, the manufacturer should take corrective actions in a prompt and effective manner.

认可后的产品检验方式/ Requirements for Product Inspection after Approval

认可后的检验方式定为: 出厂检验。由本社检验人员在每件产品或每批产品处于完工阶段或出厂前, 到工厂审查有关产品的质量记录, 并对产品进行逐件或抽样检验, 认为结果满意后在产品上加以本社检验标志, 并颁发产品检验证书。

The method of inspection before delivery is used for products after type approval. Upon completion or prior to the delivery of each piece or batch of products, The surveyor to the Society will go to the manufacturer to examine the quality records of the given product(s) and inspect them piece by piece or by sampling, brand the Society's inspection marking on the product(s) where the results are satisfactory and issue the product inspection certificate.

责任声明/ Statement of Responsibility

中国船级社质量认证公司的检验不替代与本公司授权或检验无关的各方对上述工厂的认可和发证。

The inspection of the CCS Certification does not replace any approval and certification of the manufacturer by any parties that bear no relation with the CCS Certification's authorization or survey and therefore takes no responsibility for these parties.

其他/Others

无/Nil.

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