

Marine (Pilot) transfers and due diligence

Connecting Western Australia to the world



INCIDENT DESCRIPTION & FINDINGS (August 2022)

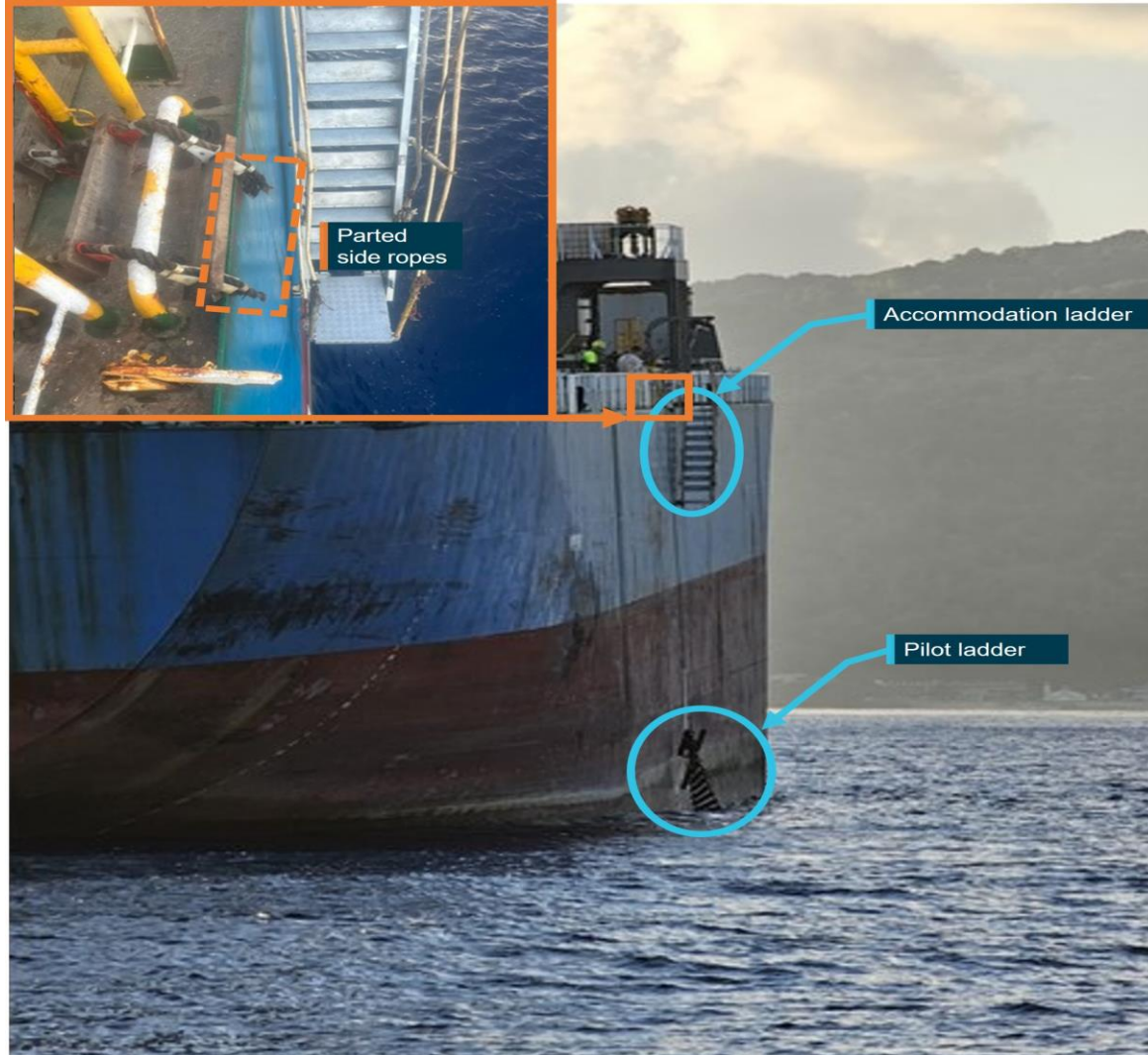


Master and company convicted after pilot ladder injury (AAL DAMPIER)

FINDINGS

- Poor storage conditions - Manila ropes
- Lack of maintenance and inspection regimes from vessel operators
- Lack of inspection and maintenance guidance to crew from vessel operators

INCIDENT DESCRIPTION & FINDINGS (May 2023)



Ship's pilot ladder failure resulting in person overboard, Christmas Island

FINDINGS

- Poor condition of ladder
- AMSA initiated regulatory action against the ship's owners and master.

VESSEL COMPLIANCE - Fremantle Port Authority



**BEST PRACTICE AND MARINE
SAFETY CRITERIA BULLETIN
02-2022**

Date of issue: 30.12.2022



PRE-ARRIVAL INFORMATION FORM

Agents are required to upload this form along with all attachments directly into VOYAGER (no later than 7 days prior ETA)

Enhanced Pre-arrival and vessel
vetting process implemented



**BEST PRACTICE AND MARINE
SAFETY CRITERIA BULLETIN
01-2023**

Date of issue: 26.07.2023

Reference to standards: ISO 799-1:2019 - Design and specification
ISO 799-2:2021 - Maintenance, use, survey and inspection
ISO 799-3:2022 - Attachments and associated equipment

Crew Training - Rigging, testing, inspection, storage, maintenance and care of pilot ladders and associated equipment

From 1 October 2023 - Maximum age of pilot ladders - 30 months from date of manufacture

From 1 October 2023 - Maximum age of manropes - 12 months from date of manufacture

Improvement process led through AMSA, Ports Australia and ARCLOPT forums for Australia-wide acceptance at all ports.

NON-COMPLIANCES noted by FREMANTLE PORTS

FAKE CERTIFICATE & MARKINGS



DNV-GL
Certificate No. **QD16P01766-116**

Test Certificate

Germanischer Lloyd as the notified body, notified by the Germany Federal Ministry of Transport, Building and Urban Development certifies that the verified product(s) is/are in conformity to the type as described in the EC type Examination Certificate and was found to be in compliance with the requirements of the Marine Equipment Directive (MED) 96/98/EC, as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	QD16P01766-116
Manufacturer	QINGDAO GOOD BROTHER MARINE LIFE-SAVING APPLIANCE CO. LTD East of Busan Road, Jiangnan Industrial Park, Jiangshan Town, Laixi City, Qingdao
Purchaser	Suez Marine Supplies
Product Name	Pilot Ladder A Type
Trade Name	Pilot Ladder A Type
Serial No	31-838
EC Type Examination Certificate No.	QD16P01766-116
Regulation- Standards	SOLAS 1974 as amended, Reg. V/23 and Reg. X/3 IMO Res.A.1045(27) 773 ISO 799-1 (2019)
Related Directive	2021/32/EU
Equipment Section Annex A.1 Item No.	Navigation equipment A.1/4.49
Schedule of Approval	
Remarks	Hardwood Pilot Ladder X Length 12 MTR With 36 Steps (28 Wooden Steps+ 4 Spreader +4 Rubber Steps)
Wooden Step	525x120x28mm
Spreader	1800x120x28mm
Rubber Step	530x120x65mm
Rope Type	Manila
Diameter	22 mm

PRAVIN WADEKAR
For Germanischer Lloyd
Industrial services GmbH

Date:
11.09.2021

Equinox Business park 6 floor, Tower 3, L.B.S Marg OFF Bandra Kurla Complex, Kurla (w) Mumbai-4000070
DNV GL Headquarters, Veritasveien 1, P.O. Box 300, 1322 Hovik Norway Tel: +47679900 ww.dnvgl.com

NON-COMPLIANCES noted by FREMANTLE PORTS

GENUINE CERTIFICATE & MARKINGS


好兄弟®
GOOD BROTHER

引航员软梯
Pilot Ladder

产品编号 Serial No.	33237	产品型号 Type	ISO799-1-S45-L3
制造日期 Manufacture Date	2023.06	证书编号 Certificate No.	QD23PPS01162_27

序号 No.	试验日期 Date of test	试验结果 Test results	检验员 Inspector
1	2023.06.15	合格/PASSED	李君虎/J.H.LI
2			

注意 Note:
 1. 每隔大约30个月, 每具软梯应按要求进行“软梯及踏板附件强度试验”。未通过试验的软梯应重新组装或报废。
 Each ladder shall be subjected to the ladder and step attachment strength test at approximately 30-month intervals. Each ladder which fails the test shall be rebuilt or scrapped.
 2. 数字标记物的间距是1M。
 The distance between the digital markers is 1 meter.

青岛好兄弟船用救生用品有限公司
 QINGDAO GOOD BROTHER MARINE LIFE-SAVING APPLIANCE CO., LTD.
 Tel: 0532-83108886 http: www. qdgb. com



好兄弟®
GOOD BROTHER

青岛好兄弟船用救生用品有限公司
 QINGDAO GOOD BROTHER MARINE LIFE-SAVING APPLIANCE CO.,LTD.

引水员软梯合格证

 The pilot ladder inspection certificate

产品编号 Serial No.	33237	产品型号 Model	ISO799-1-S45-L3
制造日期 Date of Manufacture	2023.06	证书编号 Certificate No.	QD23PPS01162_27



THIS CERTIFICATE IS ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF THE People's Republic of China

中国船级社
CHINA CLASSIFICATION SOCIETY
证书编号/Certificate No. QD23PPS01162_27
船用产品证书
CERTIFICATE OF MARINE PRODUCT

兹证明本证书所列产品经本社署名验船师检验, 符合本证书注明标准的要求。
 This is to certify that the following products have been inspected by the undersigned surveyor of the Society and are found to comply with the requirements of the specified standards.


产品名称 Product	引航员软梯 Pilot Ladder
申请方 Applicant	青岛好兄弟船用救生用品有限公司 Qingdao Good Brother Marine Life-saving Appliance Co., Ltd.
制造厂 Manufacturer	青岛好兄弟船用救生用品有限公司 Qingdao Good Brother Marine Life-saving Appliance Co., Ltd.
订货方 Purchaser	
认可证书号/Certificate No. of Approval	无/Nil
用于/Intended for	船舶/Ships
产品编号/Serail No.	33233-33238

产品检验标准/Product Inspection Standard
 1. IMO A. 1045(27) 引航员登离船装置
 IMO A.1045(27) PILOT TRANSFER ARRANGEMENTS
 2. 经MSC. 308(88) 决议修正的《1974年国际海上人命安全公约》第V章第23条
 Regulations 23, Chapter V of the International Convention for the Safety of Life at Sea, 1974, as amended by MSC.308(88).
 3. ISO 799-1:2019 船舶和海上技术-引航员梯
 ISO 799-1:2019 SHIPS AND MARINE TECHNOLOGY-PILOT LADDERS.

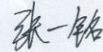
产品明细/Product Description		
名称/Name	属性(值)/Value	单位/Unit
引航员软梯/Pilot Ladder(M0001)		
型号/Type	ISO799-1-S45-L3	
踏板间距/Step Spacing	330±20	mm
踏板级数/Number of Steps	45	
数量/Quantity	6	套/Set
制造日期/Date of manufacture	2023年06月/Jun. 2023	

备注/Remarks
 本社已审核了产品厂无石棉声明, 但本社的审核不排除产品厂按照合同关系向订货方保证产品无石棉的责任。
 The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

中国船级社青岛分社
 CCS Qingdao Branch




产品检验/Inspection
 位置/Position: 在产品名牌上 / On the nameplate of the product
 标志样式/Type of Marking: QD23-PPS01162_27 钢印标志 / CCS steel stamp

发证日期 2023年06月15日 验船师 
 Date of issue Jun. 15, 2023 Surveyor Zhang Yiming

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NON-COMPLIANCES noted by FREMANTLE PORTS

**ISO 799-3:2022: Man-ropes shall be grade 1 manila rope
Diameter 28mm - 32mm**

- **Man-ropes made of grade 3 manila rope**
 - **Man-ropes made of 'sisal' rope**

ISO 799-1:2019: "Each side rope shall be mildew resistant manila rope meeting ISO 1181:2004, Quality 1, or a spun thermoset polyester rope with a polypropylene core of a colour that contrasts with the spun polyester. Breaking strength \geq 24 kN. Size 20mm diameter

Pilot ladders with side ropes made of sisal ropes

INSPECTION CERTIFICATE
FOR
ARTICLES FOR SHIP USE

No. 090S-d-440

Date 22 January 2009

14 years age

Starboard Side Pilot Ladder (Bottom Section)



NON-COMPLIANCES noted by FREMANTLE PORTS



NIPPON HAKUYOHIN KENTEI KYOKAI

INSPECTION CERTIFICATE
FOR
ARTICLES FOR SHIP USE

No. 010S-d-2445

Date 6 November 2001

THIS IS TO CERTIFY that the following articles were tested and inspected by the Society's Surveyor in accordance with the regulations under the Ship Safety Law of Japan and were found to comply with the relevant requirements of the regulations.

22 years age



Unsuitable storage locations



Date: 12 OCTOBER 2023

STRENGTH TEST OF PILOT LADDER

This is to certify that the pilot ladder has been strength tested as per

Ref. ISO-799-1-2019

Strength test:

1. Lay them on deck and secure one end to a fix strong point (bollard)
2. Connect on the other end a chain block and dynamometer and to a resistant fix point on deck
3. Pull the chain till you read 200Kgf/2000N on the dynamometer and hold it for 15 minutes
4. Check all steps, step fixing (split distance) pieces for any cracks, damages
5. Check ropes condition if any broken strands
6. Check condition of thimbles, shackles, all parts

Serial no. S202103019 (15m)

Type: DMSE-PL

Manufactured by: Dongtai Martian Ship Equipment Co., Ltd.

Manufactured date: March 03, 2021

As per above test: Result Passed



PILOT TRANSFER ARRANGEMENTS - KNOWLEDGE

SOLAS

- Chapter V Regulation 23
- IMO Res. A.1045(27) & IMO Resolution A.1108(29)
- IMO Circulars MSC.1/Circ.1428 and MSC.1/Circ.1495/Rev.1.

ISO Standards

- ISO 799-1:2019
- ISO 799-2:2021
- ISO 799-3:2022

AMSA

Marine notice - 03/2022 (Previous)
Marine notice - 04/2023 (Current)

ARCSOPT

Technical Guideline 03-23 Marine Pilot Transfer Arrangements
(arcsopt.org)

UK - MAIB

Safety Digests - Incident reports and statistics

Social Media

Sharing of videos and reports of non-compliance

PILOT TRANSFER ARRANGEMENTS CONTINUED NON-COMPLIANCES - WHY??????

Reactive nature

**Tolerance and lack of risk
appreciation**

Limited memory

**Inconsistent regulatory
framework**

**No clear alignment between IMO (SOLAS) and ISO
standards**

**Ship operators & Shipboard
personnel**

**Incorrect interpretation of requirements - Lack of
commitment to safety of pilots - Poor monitoring regimes**

Gap in Pre-arrival monitoring

Trust in compliance culture - good faith

ACTIONS REQUIRED - ISM CODE - CHANGES TO ONBOARD PROCESSES

FOCUS

SAFETY OF LIFE FOR PILOTS, CREW AND PERSONNEL USING THE ARRANGEMENTS

Rigging, training & location assessment

Ship-specific rigging procedures, training to crew and periodic assessment of the level of familiarity and compliance

Focussed and close-up Inspections

Inspection of pilot ladders, manropes, deck fittings, stanchions, combination ladders, heaving lines and associated equipment

Storage, care and retirement

Identified appropriate protected storage locations and conditions of storage for ladders and man-ropes. Condition monitoring guidance. Refer industry guidance for manila ropes

Training for boarding

Identify training requirements for ship crews, pilots and personnel using the arrangement

Procurement

Approved Pilot ladder and rope suppliers

ACTIONS REQUIRED - Implementing changes for measurable effectiveness

Influencing change

**Regulations -
IMO / ISO**

Collaboration with Flag States

Port Authorities

**Pilotage service
providers**

ARCSOPT

AMPI

IMPA

Port State Control

**Classification
Societies**

**Ship yards -
Improved ship
designs**

Ship operators

**Industry service
organisations**

P & I Clubs

THANK YOU –
QUESTIONS?

Connecting Western Australia to the world

