



File Ref: T-8-6
Refer to: KN/bjw
Submittal No.: 267489
Date: 17 December, 2001

Chongqing Marine & Industries Co., Ltd.
17th F1., C4 Bidg, Jiazhou Garden
Yebei District, Chongqing, P. R. China

Attn: Mr. Michael Chang

Re: Approval for Superior Holding Power
Anchor: Type CMIC DELTA HHP Anchor 15,000 Kgo Max.

Gentleman:

We have your letter of 5 December 2001 submitting one copy each of the following drawings:

- | | |
|------------------------------------|-----------------------|
| 1. Dwg No. CMIC-FDA 300~15000 | General Assembly Plan |
| 2. Dwg No. CMIC-FDA 300~15000-001 | Shank |
| 3. Dwg No. CMIC-FDA 300~15000-002 | Head Pin |
| 4. Dwg No. CMIC-FDA 300~15000-003 | Pentagonal Plate |
| 5. Dwg No. CMIC-FDA 300~15000-004 | Spacer Bar |
| 6. Dwg No. CMIC-FDA 300~15000-005 | Flange Plate |
| 7. Dwg No. CMIC-FDA 300~15000-006 | Wing Plate |
| 8. Dwg No. CMIC-FDA 300~7000-007 | Stopper Plate |
| 9. Dwg No. CMIC-FDA 7500~15000-007 | Stopper Plate |
| 10. Dwg No. CMIC-FDA 300~15000-008 | Lifting Padeye |
| 11. Dwg No. CMIC-FDA 300~15000-009 | Side Plate |
| 12. N/A | Welding Drawing |

We also received the above drawings approved by LR's together with a copy of the following documents:

- A. Sea Test of CMIC High Holding Power Anchor, witnessed by LR's 13 March 2001
- B. LR Certificate (No. SPA-ANCH0018) dated 13 March 2001
- C. LR Certificate for materials (No. WHN 0130760/8) dated 29 June 2001

We reviewed the above documents and found satisfactory .



TO: Chongqing Marine & Industries Co., Ltd.

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DATE: 17 December, 2001

Accordingly we have pleasure in confirming that the design of the subject anchor will be accepted as a superior holding power anchor (i.e., with a 25% weight reduction permitted by Part 3, Chapter 5, Section 1.7 of the Rules) for a range of sizes from 300kg to 15,000kg., and will be added to our list of approval anchors of Superior Holding Power.

Our invoice covering the above approval will be forwarded separately.

Very truly yours,

AMERICAN BUREAU OF SHIPPING

Teruaki Kaibara

Vice President of Engineering

ABS Pacific

By:

A handwritten signature in black ink, appearing to read "K. Nakajima", is written over a horizontal line.

K. Nakajima

Principal Engineer - Hull

ABS Shanghai Office

cc: ABS Yokohama
cc: ABS Co., TCD w/LR Certificates
cc: ABS Hong Kong w/IRF



Refer to: JW
File Ref: T-8-4
Task No.: 541318
PID No.: 2290591
Date: 26 January 2010

Chongqing Marine & Industries Co., Ltd.
No. 1, 26th Floor, Beichenmingdu
No. 25-31 Jianxinbeilu
Jiangbei District
Chongqing, 543005
P. R. China

Attn: Mr. Zhang Guo Peng

**Re: Approval for Superior Holding Power
CMIC Delta HHP Anchor of 20,000kG**

Gentleman:

We have your email of 23 December 2009 submitting the following drawing:

CMIC High Holding Anchor 20,000kG

for the subject anchor. We reviewed the above drawing and found satisfactory.

Based on the satisfactory testing as indicated in the test report reviewed by our letter of 17 December 2001, we have pleasure in confirming that the design of the CMIC HHP Anchor as indicated therein will be accepted as a superior holding power anchors (i.e. with a 25% reduction permitted by 3-5-1/7 of the Rules 2010) for the size of 20,000kG. Individual anchor for the subject anchor will be accepted for use on vessels classed with the Bureau subject to the relevant requirements of the Rules.

We recommend that you monitor the ABS Rules used in the review. These Rules often change on an annual basis, and you must comply with the new Rules in order for the product to be used on an ABS classed vessel contracted under the new Rules.

The amendments as indicated on the returned drawing are to be complied with to the satisfaction of the attending Surveyor.

An electronic copy of the above drawing stamped to indicate our review is being returned herewith.

An invoice covering our technical review cost will be forwarded to you separately.

(.....P. 2/-)

ABS PACIFIC DIVISION

5TH FLOOR, SILVER TOWER, NO. 85 TAO YUAN ROAD, LUWAN DISTRICT, SHANGHAI, P. R. CHINA, POST CODE: 200021
TEL: 86-21-23270888 FAX: 86-21-63229649(OPERATION)/63605391(ENGINEERING) WEBSITE: www.eagle.org



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TO: Chongqing Marine & Industries Co., Ltd.

If we may be of further assistance, please do not hesitate to contact Jun Wang at 86-21-23270793 or the undersigned at 86-21-23270780. In case of inquiry by a phone or reply by a document, please inform or refer to Task No. & the date of this letter.

Very truly yours,

AMERICAN BUREAU OF SHIPPING

Thomas Kirk
Vice President of Engineering

By: 
Hong Zhu
Principal Engineer - Hull

cc: ABS Corp. TCD
cc: ABS Shanghai Opts w/p
cc: ABS Hong Kong w/IRF

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