



Marine Design Appraisal Document

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Date
04 January 2012

Quote this reference on all future communications
SDS/HULL/XYZ/2857434/ O-111266

JIANGSU ASIAN STAR ANCHOR CHAIN CO. LTD **PLAN APPROVAL OF CHAIN CABLE FITTINGS AND ANCHOR SHACKLES**

1. The Documents listed in paragraph 1 of the appendix have been examined for compliance with ISO1704:2008, and Lloyd's Register's Rules for the Manufacture, Testing and Certification of Materials and are assigned an appraisal status as indicated, in accordance with the following conditions:
2. The steel to be used in the construction, including casting and forgings, is to be manufactured by an approved process at works recognised by the committee and tested in the presence of LR's Surveyors in accordance with the requirements of Ch4.1 or Ch5.1 of the Rules for the Manufacture, Testing and Certification of Materials.
3. Proof load and breaking load testing of the chain cable fittings and anchor shackles are to be carried out in accordance with the Rules for the Manufacture, Testing and Certification of Materials.
4. The swivels are appraised on the basis of onboard ship or ship mooring usage only. For example, this appraisal does not include their use for offshore anchoring and mooring installations.

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FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Appendix

1. The documents listed below have been examined

Document No.	Rev.	Title	Status	Date
JM01109-22Z01	0	ANCHOR SWIVEL SHACKLE TYPE "A"	A	04-Jan-2012
JM01109-22Z02	0	ANCHOR SWIVEL SHACKLE TYPE "B"	AM	04-Jan-2012

Appraisal Status Key

A	Approved - provided the arrangements are to the surveyor's satisfaction
AM	Approved as amended - provided the arrangements are to the surveyor's satisfaction

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