

# CCS 通 函

## *Circular*

China Classification Society  
( 2012 ) Circ. 18 /Total No. 180  
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To relevant departments of CCS Headquarters, CCS branches, CCS surveyors, CCS plan approval center, designers and shipyards

### **Notice on the implementation of IACS UR L4 Rev.3 Corr.1 on the Closure of Chain Lockers**

**Background:** In Mar. and Aug. 2011, IACS UR L4 Rev.3 and its Corr.1 were approved to clarify watertight standard applicable to access openings situated below the weather deck on spurling pipes and chain lockers.

The substantial parts of this Notice will be included in 2012 Amendments of CCS “Rules for the Classification of Sea-going Steel Ships”

**Implementation requirements:** Except otherwise required by administrations, this notice will be implemented by this Society from 1<sup>st</sup> of Jan., 2012.

This Circular is published on CCS website [www.ccs.org.cn](http://www.ccs.org.cn) and is to be forwarded by CCS branches to relevant shipyards, marine product manufacturers, designers and shipping companies in relevance to their business area.

Please contact Technology Management Dept. of the Headquarters in case of any unclarity during the implementation of this Circular.

Hereby notify the above.

Annex:

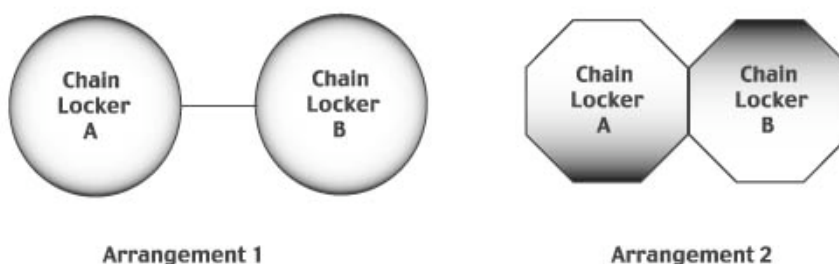
IACS UR L4 Rev.3 and its Corr.1

# L4 Closure of Chain Lockers

(Nov 2002)  
(Rev.1 July 2003)  
(Rev.2 Nov 2005)  
(Rev.3 Mar 2011)

This Unified Requirement is applicable to ships with a length of 24 m and above built in accordance with the 1966 Load Line Convention or the 1988 Protocol to the Load Line Convention and the keels of which are laid or which are at a similar stage of construction on or after 1 July 2003.

1. Spurling pipes and cable lockers are to be watertight up to the weather deck. Bulkheads between separate cable lockers (see Arrangement 1), or which form a common boundary of cable lockers (see Arrangement 2), need not however be watertight.
2. Where means of access is provided, it is to be closed by a substantial cover and secured by closely spaced bolts.
3. Where a means of access to spurling pipes or cable lockers is located below the weather deck, the access cover and its securing arrangements are to be in accordance with recognized standards (see footnote) or equivalent for watertight manhole covers. Butterfly nuts and/or hinged bolts are prohibited as the securing mechanism for the access cover.
34. Spurling pipes through which anchor cables are led are to be provided with permanently attached closing appliances\* to minimize water ingress.



\* Examples of acceptable arrangements are such as:

- i) steel plates with cutouts to accommodate chain links or
- ii) canvas hoods with a lashing arrangement that maintains the cover in the secured position.

\* Examples of the recognized standards are such as:

- i) ISO 5894-1999
- ii) China: GB 11628-1989 Ship Manhole Cover
- iii) India: IS 15876-2009 "Ships and Marine Technology manholes with bolted covers"
- iv) Japan: JIS F2304, "Ship's Manholes" and JIS F2329, "Marine Small Size Manhole"
- v) Korea: KSV 2339:2006 and KS VISO5894
- vi) Norway: NS 6260:1985 to NS 6266:1985
- vii) Russia: GOST 2021-90 "Ship's steel manholes. Specifications"

Notes:

1. Changes introduced in Rev.3 of this UR are to be uniformly implemented by IACS Societies on ships contracted for construction on or after 1 January 2012.

2. The "contracted for construction" date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of "contract for construction", refer to IACS Procedural Requirement (PR) No. 29.

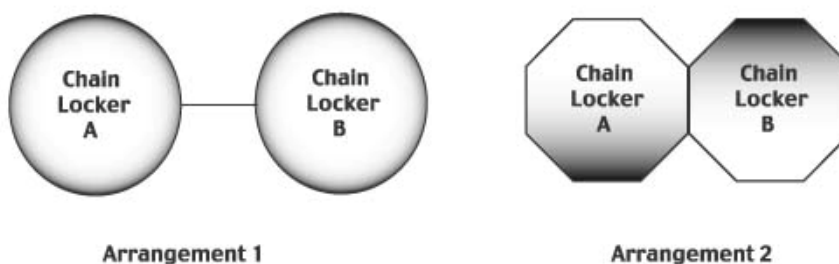
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