

標題

マン島籍船の救命設備に関する特別要件

ClassNK

テクニカル インフォメーション

No. TEC-0849

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各位

今般、マン島政府より救命用進水装置の吊り索の端末処理に関する通知(MANX SHIPPING NOTICE(MSN 011/Amended December 2010))がありましたのでお知らせ致します。

救命用進水装置の吊り索の端末処理として、ブルドック又はケーブルグリップは認められません。これらが使用されている場合、ウエッジソケット等へ交換する必要があります。また、本要件は建造年度に関わらず全ての貨物船に適用されます。

なお、2011年3月10日以降の最初のSE検査において本要件を確認致します。

なお、本件に関してご不明な点は、以下の部署にお問い合わせください。

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添付:

1. MANX SHIPPING NOTICE (MSN 011/Amended December 2010)

NOTES:

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MSN 011

Amended December
2010

DEPARTMENT OF ECONOMIC DEVELOPMENT

WIRE ROPE TERMINATIONS FOR LIFE SAVING APPLIANCES

This notice is intended to illustrate the different types of wire rope terminations and recommended uses for the different terminations that are acceptable to the Isle of Man Ship Registry for Life Saving Appliances.

Most regulations and notices are available on the Isle of Man Government web site: www.iomshipregistry.com or by contacting marine.survey@gov.im

There is no applicable marine legislation that specifies the appropriate way to form the primary load bearing terminations of wire ropes used for life boat falls, recovery strops or hanging off pennants.

The Isle of Man Ship Registry recognises that there are a number of alternative methods used to form these terminations and that the suitability of each type of connection for the intended service is varied.

Acceptance by the Isle of Man Ship Registry of any of the terminations is conditional on them being designed, manufactured, installed and used in the correct manner.

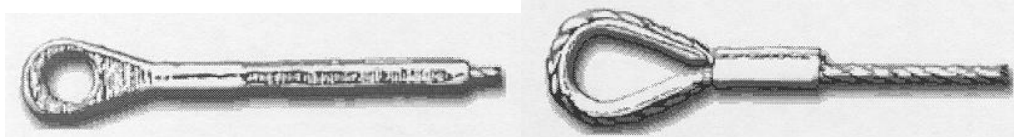
The different types of terminations, their acceptability for use on Isle of Man ships and some guidelines on the method of use are set out in this notice.

1. Permanent Terminations

These are supplied already formed on the wire rope by the manufacturer or recognised firm.

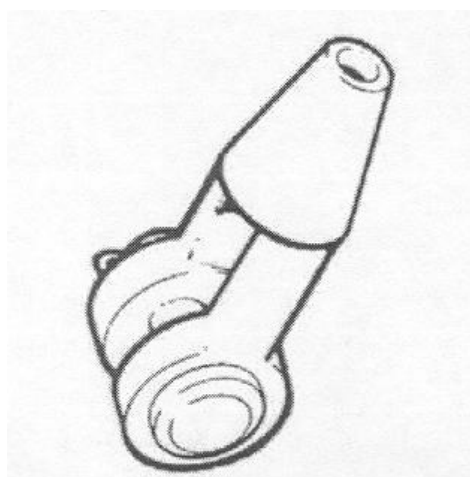
They are suitable for all LSA applications provided that they have been certified for the maximum safe working load to be encountered.

Permanent terminations of these types must only be fitted or re fitted by a recognised company, experienced in their use.



SWAGED EYE

STANDARD THIMBLE FERRULE SECURED



SPELTER SOCKET

Figure 1 permanent terminations

Maintenance

When in service these particular terminations should be examined for broken strands or deformation of the wire where it emerges from the connection.

2. Reusable Termination's.

2.1 Wedge and Socket Type

They have the advantage that they can be fitted by competent ships staff and can be re-used when the falls are turned or replaced.

This type of fitting is also allowed by the Isle of Man Ship Registry for the formation of eyes at the termination for the lifeboat falls as shown in Fig 3.

Their use is not recommended for cases where there is a possibility that the dead end of the termination can come into contact with an obstruction and loosen the wedge.

When assembling the termination, the manufacturer's instructions should be followed exactly.

A general guide to their assembly is shown below

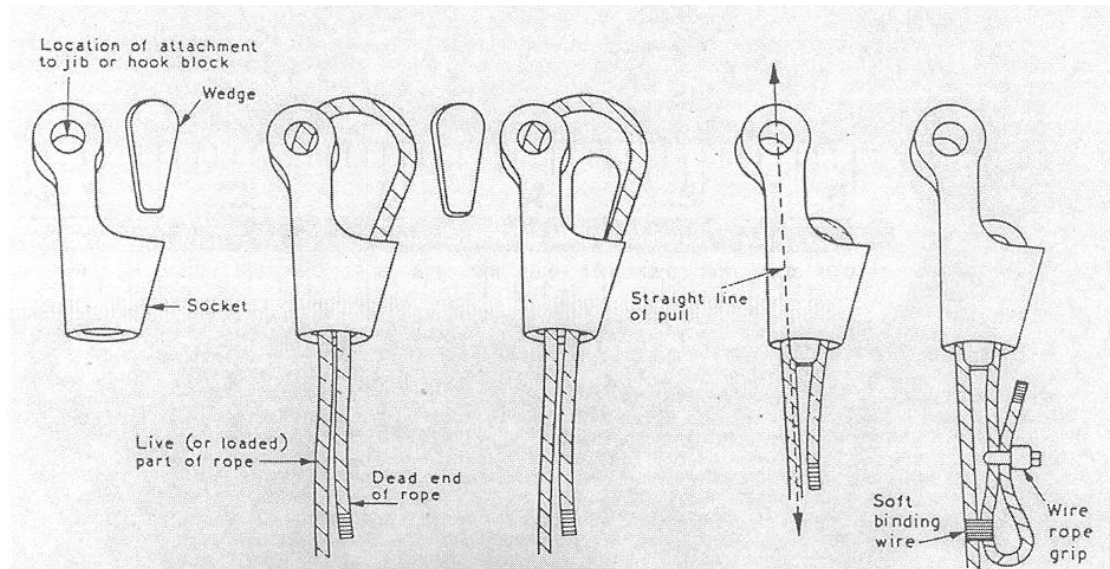


Figure 2 assembly of a typical wedge and socket type termination

The dead end of the rope is to be not less than 15 x the rope diameter in length.

The wedges and sockets are sized for a particular wire diameter and parts should never be mixed.

Maintenance

The sockets are to be periodically examined for tightness of the wedge and for cracks.

The rope is to be examined for broken wires or deformation where it emerges from the socket.

3. Termination's of Lifeboat Falls

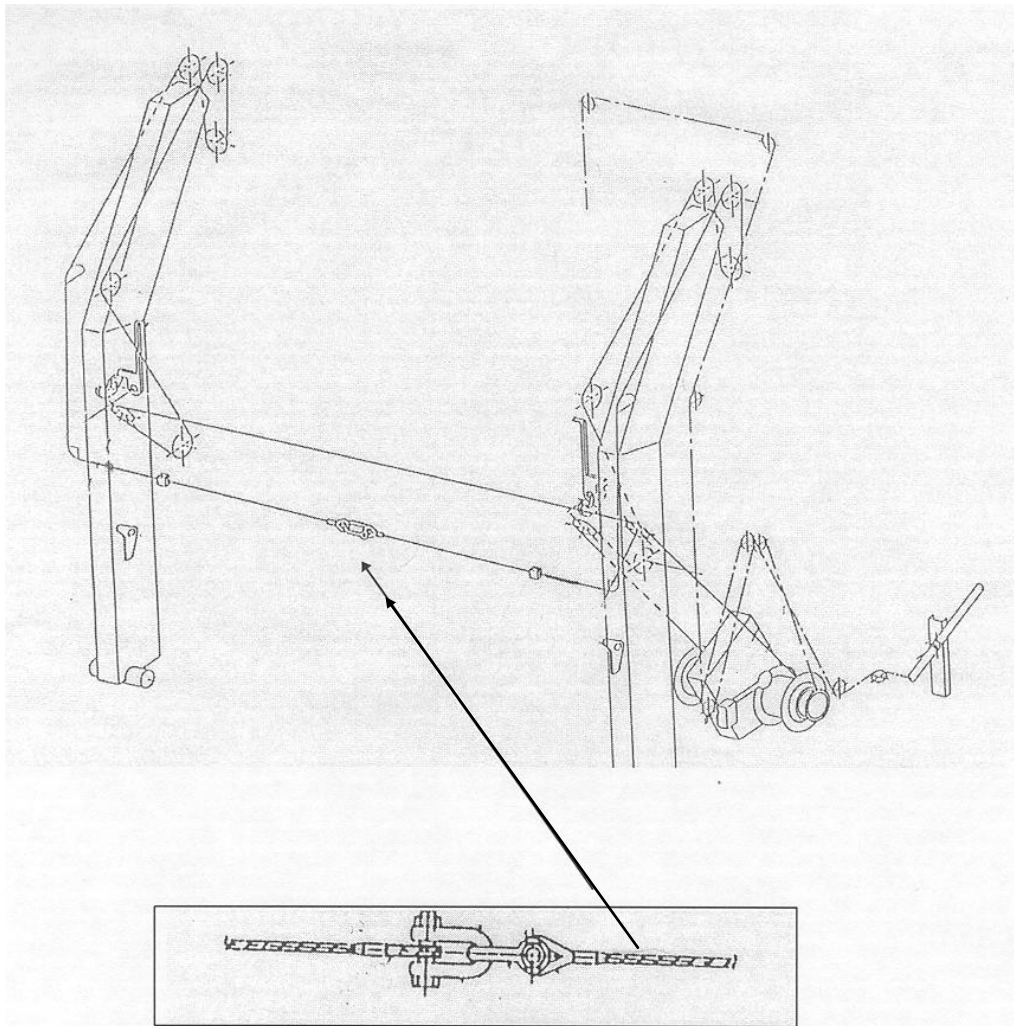


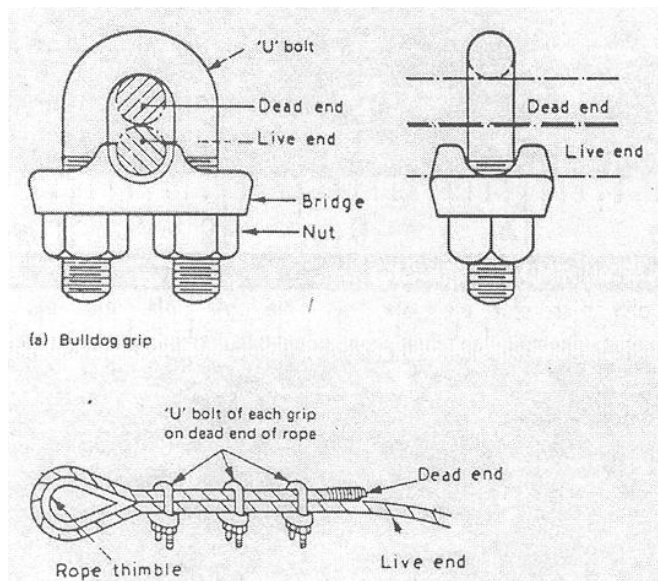
Figure 3 Example of the type of termination for lifeboat falls preferred by Isle of Man Ship Registry.

4. Unacceptable Termination's

4.1 Bull Dog / Cable Grips

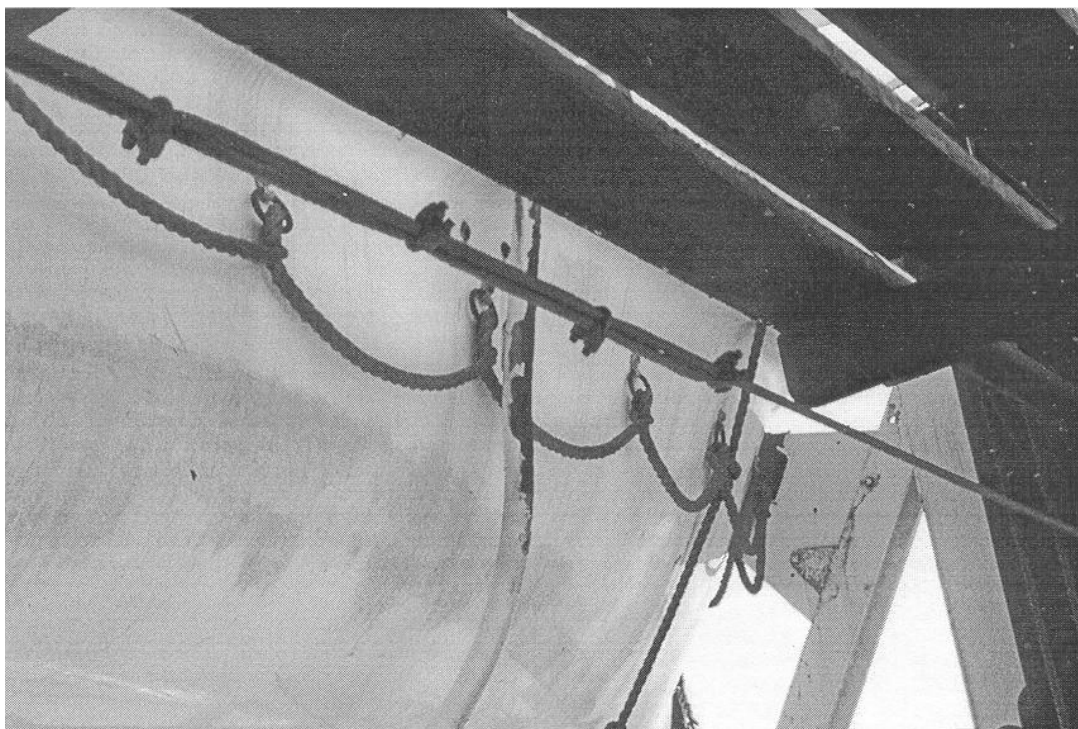
The Isle of Man Ship Registry cannot accept Bull dog grips or cable grips for the forming of eyes in wire rope such as those shown below.

Method of fitting bulldog clips





Termination is by cable grips without a ferrule and the end of the wire rope is unsecured.



The ends have been joined together directly. They should be formed into eyes with ferrules secured by wedge and socket terminations.

Isle of Man Ship Registry

December 2010

Please note - The Isle of Man Ship Registry cannot give Legal Advice. Where this document provides guidance on the law it should not be regarded as definitive. The way the law applies to any particular case can vary according to circumstances - for example, from vessel to vessel. You should consider seeking independent legal advice if you are unsure of your own legal position.