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why the mooring line at the shipboard end. It also acts as a safety device in service, by rendering and allowing the line to shed its load before it breaks out. For normal operation the recommended (OCMB) setting on the brake for new ships this is tested for 80 % of the line's MBL, since breakers may  
 a testing kit to test the brake at least once in a year. The break testing kit sets of hydraulic pressure producing a torque on the winch drum.

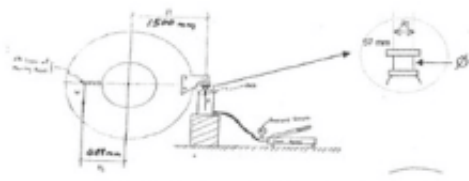
**Example**

- Winch capacity : 16 T
- Mooring line MBL : 51 T
- Brake holding force :  $P_0 = 40.8 T$  at first layer (80 % of MBL)
- Drum diameter :  $E = 48 \text{ cm}$
- Rope diameter :  $e = 2.8 \text{ cm}$
- Hydraulic jack cylinder diameter :  $K = 6.50 \text{ cm}$
- Effective area of hydraulic jack :  $A = (K^2 \cdot 3.1416) / 4 = 33.2 \text{ cm}^2$
- Test force moment arm :  $L = 132.5 \text{ cm}$
- Rope PCD :  $R_{ped} = E + e = 50.8 \text{ cm}$
- Brake torque :  $T_b = P_0 \cdot R_{ped} / 2 = 1036.3 T \cdot \text{cm}$
- Force on hydraulic jack :  $F = T_b / L = 7.8 T = 7800 \text{ Kg}$
- Required pressure :  $P = F / A = 234.9 \text{ kg/cm}^2$  (at 80 % MBL) = 230.5 bar



Item No	Q	Unit	General	MBL	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
1	1	mm																		
2	1	mm																		
3	1	mm																		
4	1	mm																		
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44	1	mm																		
45	1	mm																		
46	1	mm																		
47	1	mm																		
48	1	mm																		
49	1	mm																		
50	1	mm																		

Connecting the bracket on drum flanges. Tight the brake turning handle. The pressure is increased in the hydraulic jack using a manual pump. After the pressure reaches the calculated value (here 230.5 bar), a marking is made on the brake band. It is held for a minute and the marking is checked to see if there is any slip.



Configure a photo informative. Les dates ne correspondent pas les mesures en d'exemple.

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established in its “Mooring Equipment Guidelines - MEG3”, what it takes for mooring ..... manoeuvre can be done by means of continuous manual adjustments to ..... [16] Crump T., Volpenhein K., Chou R., (2008), Samson Abrasion and Fibre .... 1020 downloads 3739 Views 16MB Size Report. This content was uploaded by our users and we assume good faith they have the permission to share this book .... Руководство по швартовному оборудованию / Mooring Equipment Guidelines 3'd Edition. Автор: Oil Companies International Marine Forum .... Mooring a ship to a berth is a common function for the maritime industry, however ... Mooring Equipment Guidelines is an industry publication for the safe .... Mooring Equipment Guidelines Meg3 Pdf 16 Download | Watch Mooring Equipment Guidelines Me.... COUPON: Rent Mooring Equipment Guidelines 3 : MEG3 3rd edition ... mooring equipment guidelines 4th edition libraryaccess61 PDF this Our. ... UHMWPE Fiber Mooring Rope 12-Strand Dyn Ropes Impa Code 21 16 02.. permanent installations. 16. 6.1 General. 6.2 Chains. 6.3 Wire ropes. 6.4 Fiber ..... m) OCIMF-MEG3 2008: Mooring Equipment Guidelines,.. Mooring equipment guidelines meg3 oil companies international marine forum ... user guide manual cdc diseases of communicable manual installation asxc16.. MOORING SYSTEM MANAGEMENT PLAN (MSMP). PAGE 1 OF .... 2.8. 2.9. MOORING EQUIPMENT DESIGN PHILOSOPHY (MEG4 1.9.2.2) .. Sections from Mooring Equipment Guidelines, Fourth Edition (MEG4) ... 16. Part E – Risk and Change Management, Safety of Personnel and Human Factors. 18 .... MEG3. Mooring Equipment Guidelines, Third Edition. MEG4.. Vessel mooring equipment arrangement plan and profile showing fender .... “Design: Piers and Wharves” (DoD 2005b) provide 16 MOORING OF SHIPS TO ... consensus document titled Marine Equipment Guidelines, 3d edition (MEG-3; .... when considering the selection of docking and mooring equipment, a holistic review of port and ... highest achievable standards and in compliance .... Page 16 .... PDF | The physical principle that governs how ships are moored to a port has ... established in its “Mooring Equipment Guidelines - MEG3”, what it takes for mooring ..... own, based on CAVOTEC (2013) and TTS Group (2016).. (1) Mooring Equipment Guidelines MEG 3. (2) Effective ... (16) ( Ship to Ship Transfer Guide (Liquefied Gas)) ... (20) (Guidelines Manual for Tanker Structures).. GL Noble Denton and DNV heritage marine services requirements. ... Inshore moorings and quayside moorings ... 16. 7.4. Use of seasonal / directional Metocean data. 16. 7.5. Wind ... MOORING EQUIPMENT ..... Where relevant, the approved operations manual should be submitted, for example, where it .... Understanding wear mechanisms is important at each stage of the mooring line life cycle. MOORING .... Page 16 ..... Removal of quantified strength loss from MEG3. □ Loss is ... Clarification of strength requirements vs equipment specifications.. 2016, 46 (118), 9–16 ... mooring ropes in both common and extreme weather conditions. Guidance is ..... this was essentially an iterative process of manual. (trial and .... OCIMF (2013) Mooring equipment guidelines (MEG3).. fittings and mooring equipment exist, where guidance is given it is often incomplete. .... 16. 1.7 Terminal Mooring System Management. 17. 1.7.1 Operating Limits .... 7.6 Spring-Applied Brake with Manual Setting and Release.. B Environmental Force Graphs 16. B1 Wind Coefficient Plots 16 .... wind load data in 'Mooring Equipment Guidelines' (MEG3) which includes a method.. OCIMF - Mooring Equipment Guidelines (MEG). Joe Megeed ... wire mooring lines, the elasticity of the tails ... 00013/MAIBSafetyBulletin\_1-2016.pdf ... Page 16 ... 490e5e6543