

|                                                                                  |                                                         |                     |
|----------------------------------------------------------------------------------|---------------------------------------------------------|---------------------|
|  | <b>SURFACE<br/>VEHICLE<br/>RECOMMENDED<br/>PRACTICE</b> |                     |
|                                                                                  | <b>SAE</b>                                              | <b>J960 AUG2012</b> |
|                                                                                  | Issued<br>Revised                                       | 1966-06<br>2012-08  |
| Superseding J960 APR2008                                                         |                                                         |                     |
| (R) Marine Control Cable Connection - Engine Clutch Lever                        |                                                         |                     |

## RATIONALE

Delete the operating force section of the application. This is guidance for the cable travel and termination. Operating force is more controlled by the actuating control, the cable type and length (SAE J917), and the engine components.

Delete the design attributes of the connection from the scope. The scope should be just a definition of the standard, and not include the specifics. Add these to a new Section # 3: Application.

### 1. SCOPE

The purpose of this SAE Recommended Practice is to provide guides toward standard conditions for operating marine hydraulic transmissions where push-pull cable control is applicable.

For control cable information see SAE J917.

### 2. REFERENCES

#### 2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

##### 2.1.1 SAE Publication

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), [www.sae.org](http://www.sae.org).

SAE J917 Marine Push-Pull Control Cables

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2012 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

**TO PLACE A DOCUMENT ORDER:** Tel: 877-606-7323 (inside USA and Canada)  
 Tel: +1 724-776-4970 (outside USA)  
 Fax: 724-776-0790  
 Email: [CustomerService@sae.org](mailto:CustomerService@sae.org)  
 SAE WEB ADDRESS: <http://www.sae.org>

**SAE values your input. To provide feedback  
 on this Technical Report, please visit  
[http://www.sae.org/technical/standards/J960\\_201208](http://www.sae.org/technical/standards/J960_201208)**