

## PART 80 COMPLIANCE REPORT

REVISIONS			
Revision Level	Approval	Date	Description
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A			

**ACR ELECTRONICS INC**  
 5757 Ravenswood Road  
 FT. Lauderdale Fl.  
 (954) 981-3333



DRAWN. Bill Cox	9/4/2000
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ENG Bill Cox	9/4/2000
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A	18560	Sheet 1
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SIZE	CODE IDENT NO	Of 4
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**Amended  
 ACR South Africa  
 TELLUSART MKII  
 FCC Part 80.1101  
 Compliance Report**

**Compliance Report**

**A-1**

To: John Flood, ACR South Africa  
From: Joe Dichoso  
jdichoso@fcc.gov  
FCC Application Processing Branch

Re: FCC ID O48ACRSA-MKII  
Applicant: ACR South Africa  
Correspondence Reference Number: 15891  
731 Confirmation Number: EA98229  
Date of Original E-Mail: 09/01/2000

- 1) Please provide indicate compliance with the requirements in Section 2.1046 to 2.1057.
- 2) For all the requirements in Section 80.1101(b) and 80.1101(c) indicate and itemize each requirement.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal pursuant to Section 2.917 (c) and forfeiture of the filing fee pursuant to section 1.1108.

In response to action item 1. The unit is submitted for approval under Part 80 and the performance standards as noted in 80.1101 (c) are applied to the unit.

In response to action item 2. I have submitted a compliance matrix to IMO A.694 (17).

**Part 80.1101 Performance Standards compliance matrix.**

**B.)**

- 1.) IMO A.694 (17)- Complies. Compliance matrix attached.
- 2.) CCIT E.161 - Not Applicable, not used in a telephone network.
- 3.) CCIT Q.11 - Not Applicable, not used in a telephone service.
- 4.) IEC Publication 92.101- Not applicable. Integral power supply.
- 5.) IEC Publication 533- See attached DERA EMC report. (DERA.pdf)
- 6.) IEC 945- 1988- Superseded by IEC 945 1996. Performance standard for IMO A.694 (17). See compliance matrix for IMO A.694 (17) attached.
- 7.) ISO Standard 3791- Not applicable, not for use with office equipment,

**C.)**

- 1.) NAVTEX receivers- not applicable.
- 2.) VHF radio equipment- not applicable.
- 3.) MF Equipment- Not applicable.
- 4.) MF/HF equipment- not applicable.
- 5.) 406MHz EPIRBs- Not applicable.
- 6.) 9 GHz Transponders- 9 GHz radar transponders (SART).
  - i.) IMO resolution A.604 (15) recommended.
  - ii.) CCIR 628-1 recommended

**IMO A.697 (17) revokes A.604 (15).**

**ITU-R M.628-3 replaces CCIR 628-1.**

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**Compliance matrix to IMO A.697 (17) already submitted. See compliance matrix.doc  
ITU-R M.628-1 Test report**

**IEC 1097-1 Global Maritime distress and safety systems part 1:** Radar transponder-Marine search and rescue (SART), operational and performance requirements, methods of testing and required test results.

**Standards Note:** The Technical characteristics of ITU-R M.628-3 ANNEX 1 form the technical requirements of IEC 1097-1.

IEC 1097-1 states the method of measurement and required test results for compliance, hence the inclusion of passing type approval report 800011 and 102208B showing compliance to IEC 1097-1.

ITU-R M.628-3 makes no recommendations on the measurement standards used for measuring the performance of a SART device. Compliance is through type testing to IEC 1097-1.

- 7.) VHF Radio telephones IMO A.605 (15)-not applicable.
- 8.) Inmarsat-A SES- not applicable
- 9.) Inmarsat C- Not applicable

Best Regards,  
Bill Cox  
ACR Electronics Inc.  
1-800- 432-0227. Ext. 123  
(954) 981-3333 EXT. 123  
(954) 983-5087 (FAX)  
[bc Cox@acrelectronics.com](mailto:bc Cox@acrelectronics.com)

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