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15<sup>th</sup> January 2012

BABT FCB  
Balfour House,  
Churchfield Road,  
Walton-on-Thames,  
Surrey,  
KT12 2TD

Dear Sir

**Subject: Applications for FCC Certificates of Approval for Raymarine c and e series multifunction displays**

Please find enclosed the FCC application for the Following Raymarine Displays. These are intended for use on non-IMO leisure craft and small workboats.

c95 9 inch Chartplotter display, Part number E70011  
c97 9 inch Chartplotter / Fishfinder display, Part number E70012  
c125 12 inch Chartplotter display, Part number E70013  
c127 12 inch Chartplotter / Fishfinder display, Part number E70014  
e95 9 inch Chartplotter display, Part number E70021  
e97 9 inch Chartplotter / Fishfinder display, Part number E70022  
e125 12 inch Chartplotter display, Part number E70023  
e127 12 inch Chartplotter / Fishfinder display, Part number E70024

All units have identical built in WIFI and Bluetooth wireless connectivity using approved module FCC ID:TFB-TIWI1-01, the module has already been used in the Raymarine e7 and e7D displays, FCC ID PJ5-WFBT1.

There are two sizes of display, the e series displays have an additional video in and a video out. All units have identical PCBs, with different component fit options, the differences between the units are detailed in the table below:

Product Code		Fishfinder	Touchscreen, Video Out & 2nd video in	Screen Size
E70011	C95	Not Fitted	Not Fitted	9 inch
E70012	C97	Fitted	Not Fitted	9 inch
E70013	C125	Not Fitted	Not Fitted	12 inch
E70014	C127	Fitted	Not Fitted	12 inch
E70021	E95	Not Fitted	Fitted	9 inch
E70022	E97	Fitted	Fitted	9 inch
E70023	E125	Not Fitted	Fitted	12 inch
E70024	E127	Fitted	Fitted	12 inch

The test results from the e7 and e7D have been included for conducted measurements as the module, control software and PCB layout for the WIFI and Bluetooth are identical to the original e7 and e7D design. Radiated measurements have been repeated as the case of the display is larger and therefore has a different radiation pattern.

If you have any queries regarding the application, please contact myself or Paul Pitt on the following:

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Paul Pitt        [paul.pitt@raymarine.com](mailto:paul.pitt@raymarine.com)     01329 246900

Yours faithfully,



Andrew Little BEng (Hons) CEng MIET MIEEE,  
Compliance Manager.  
Raymarine Limited.