

6850000 TRAFFIC CONTROL SYSTEM AUXILIARIES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Ananth Prasad
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Comments: (5-12-20, Internal)
See the following comment.

I would just say that most of the language in 685 will eventually be moved to Div3 once we get to UPS's in our list of Div2 spec's we're working to clean up. Including what is being added here.

Is the goal to eventually get RPMU's on the APL? Is a Div3 spec going to be created for it?

Response: The goal is to have RPMUs on the APL. We are aware of two products that can meet the spec. There are other vendors interested as well. A Div3 spec will be created when we move materials from 685 into division 3.

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Comments: (6-16-20, Internal)

TCOPs staff have reviewed the above and offer 1 comment- 6850000 Traffic Control System Auxiliaries: Section 685-2.2.1 Configuration and Management: First line, third paragraph may be rephrased (coma after temperature needs to be removed) so as to read as- (Comment from Marla)- Alarm function monitoring must include the following: loss of utility power, inverter failure, low battery, and temperature out of range- Thanks for the opportunity to review. Sincerely, K. C. JOSE, P.E. Construction Senior Project Manager D4 - Treasure Coast Operations 3601 Oleander Ave., Ft. Pierce, FL 34982 Office: 772-429-4936; Cell: 772-519-2348.

Response: Agree, we have removed the comma.

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Comments: (6-24-20, Industry)

In the section that talks about "batteries at the recommendation of the manufacturer" can you also include a line like "or other technologies are tested by FDOT"?

We are in discussions with Frank Desey to have his team look at replacing the batteries that ups systems use with super capacitor DC energy systems.

These new systems will have a 30 year life time and are impervious to temperature.

First we have to send the new capacitor system to AtoZ Test Labs in Sanford Florida and then to FDOT

Please let me know what you think.

Response: We are ok with saying “batteries or other technologies.” The intent is that the device can meet our performance requirements.
