critical to the successful implementation of the handling. All forms of CBTC OnBoard failures that occur in the field cannot be underestimated and must always receive more attention so as not to become a bigger problem in the future. The author also recommends more in-depth research and research updates considering that technology continues to develop and does not rule out the possibility that there will be faster, safer, effective,e and efficient ways to handle it so that wasted time can be reduced to the maximum level. And for further research, more in-depth research is needed for components with the largest number of failures, whether the fault is in the treatment, or the device is not in accordance with the standard function that should be.

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