

April 5, 2012

SUBJECT: Product Support for the 505/505E Product Line

Woodward introduced its 505/505E product line in 1988. Since that time Woodward has continued to invest in this product line in the form of new improved hardware and new improved algorithms and functionality. Due in part to this continued investment and support, this product line has enjoyed much success in the market and continues to be an important part of our complete control offerings.

Because of continued market demand for improvements to this product line, Woodward is currently creating new updated models of this product line, to be referenced as:

- 505 = Applicable in single valve steam turbine applications
- 505E = Applicable in single valve or single extraction steam turbine applications
- 505-DR = Applicable in single valve or single extraction steam turbine applications requiring dual redundancy capability
- 505-CS = Applicable in single valve or single extraction steam turbine applications requiring a limited level of additional custom I/O and logic. Also applicable in applications requiring dual redundancy capability

Woodward currently plans to release these 505 product line models in mid 2014. After these models are successfully released we will recommend that current 505 users migrate to the newer and improved 505 models. Since the new 505 models are basically a direct replacement (small wiring and mounting differences) for the current 505 models it is believed that the transition to these new models will be easy.

As post production support is an important part of Woodward's Tier-one service plan, and to the 505 owners/users, Woodward has developed the following the product support plan to ensure years of product operation and factory support:

Mid 2014:

- New 505 models are released

Mid 2014 – Mid 2015:

- Migrate all new 505 orders to the new models

Mid 2015 - 2016:

- Production of old 505 models stopped
- Unlimited spare unit sales of old 505 models
- Unlimited repair of old 505 models
- Replacement/exchange of old 505 models with available service stock units
- New 505 replacement models are available

Mid 2016 - 2019:

- Limited spare unit sales of old 505 models based on parts availability
- Unlimited repair of old 505 models

- Replacement/exchange of old 505 models with available service stock units
- New 505 replacement models are available

Mid 2019 - 2024:

- Repair of old 505 models is available based on parts availability
- Replacement/exchange of old 505 models with available service stock units
- New 505 replacement models are available

Mid 2024 - 2034:

- Replacement/exchange of old 505 models with available service stock units
- New 505 replacement models are available
- Old 505 model design drawings are available such that customers can produce or repair the unit themselves (with signed "Proprietary Drawing and Assumption of Liability and Release Agreement")

Parts obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory, or look for alternative parts when components are obsolete. However, there are times when components can simply not be obtained and where sufficient last-time buys cannot be made. In these cases, Woodward cannot always guarantee that we can maintain the rationalization support plan.

Regards,



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