

Chong Qing Hong Jiang Machinery YT111G Governor to Regulateurs Europa 1115 Retrofit Solution

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Problem

- Vessel has 2 obsolete YT111 China Governors (discontinued production)
- No technical support
- No readily available unit in the market
- No genuine spares available in the market
- Irregular performance (hunting, unable to take load)
- More economical in long term maintenance cost to upgrade to prevent event of failure
- Ship schedule affected despite support and constant easy breakdown

Solution

- Upgrade of control system
- Modification to suit engine and operative needs
- Regulator Europa 1115 with ample torque for operations, direct replacement for YT111
- Upgraded driver control card and customised linkages
- Customised control panel with function switch and tags wired accordingly
- Modified bevel gear

Regulateurs Europa System

- 1 x Regulateurs Europa 1115 Governor
- 1 x Regulateurs Europa Driver Card

Engineering Works

- Site survey and measurements taken
- Manufacturing of brackets, mounting plates and linkages in service centre
- Inspection checks on hardware
- Pre-commissioning tests on governor
- Laying of cables
- Delivery and installation of system
- Adjustment of governor with linkage to fuel pump
- Commissioning, calibration and tuning on site with sea trial

Results

- Better performance with same operating methods
- Proven design and long-lasting system
- Eliminated risk of unforeseen breakdowns
- Technical support and genuine spares available
- Maintenance cost reduced in long run
- Constant or variable speed application
- Fuel limitation, Load control, Torque control and Start air fuel limit in place

Price of Product and Service – Upon Request



Obsolete YT111G Governor



Customised Control Panel



Regulateurs Europa 1115 Governor



Governor Commissioned