

# PRODUCT SHEET



KONGSBERG



## AutoChief®

### AutoChief 4 to AutoChief 600 Conversion kit

Our AutoChief 4 ® main engine remote control system has served the world's merchant fleet since 1990.

More than 3000 ships have been equipped with the AutoChief 4 ®

Still many ships are in operation with the original remote control system. In order to ensure safe operation for the years to come, Kongsberg has made a complete solution for upgrading to our 6th generation control system, AutoChief 600®

The replacement kit contains mechanical and electrical adaptors, all custom made in order to reduce the down time to a minimum. This again requires limited resources for installing a turnkey solution.



We customize deliveries for both "sailing installations" and replacement during planned drydocking.

With the new AutoChief 600®, the crew can utilize new fuel saving and environmentally friendly functionalities like constant fuel mode and several systems for engine performance improvement.

The system also provides functions for assisting the crew to keep the main engine running under optimized conditions, all year round.

Kongsberg can deliver solutions for replacement of any remote control system, for any two stroke low speed engine.

## CONVERSION KIT FEATURES

### Kit content :

- Bridge replacement parts
- ECR replacement parts
- Engine local replacement parts
- Governor replacement parts

### Additional cabling work needed :

- New communication cables from Engine room to ECR
- New communication cables from ECR to Bridge



### Bridge replacement kit

- ACP, control panel in replacement plate fit for AC-4
- LTU11, telegraph lever in replacement plate fit for AC-4 LTU

### ECR replacement kit

- ACP, control panel in replacement plate fit for AC-4, with back mounted RCS and cable connections for existing wiring.
- LTU11, telegraph lever in replacement plate fit for AC-4 LTU
- SSU replacement plate with backmounted safety system and cable connections for existing SSU connections.

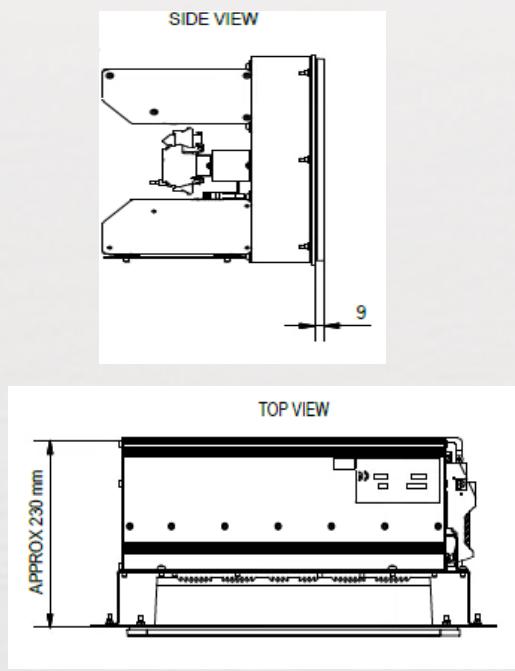


### Engine Room replacement kit

- Local cabinet with telegraph, prewired to fit existing cables.



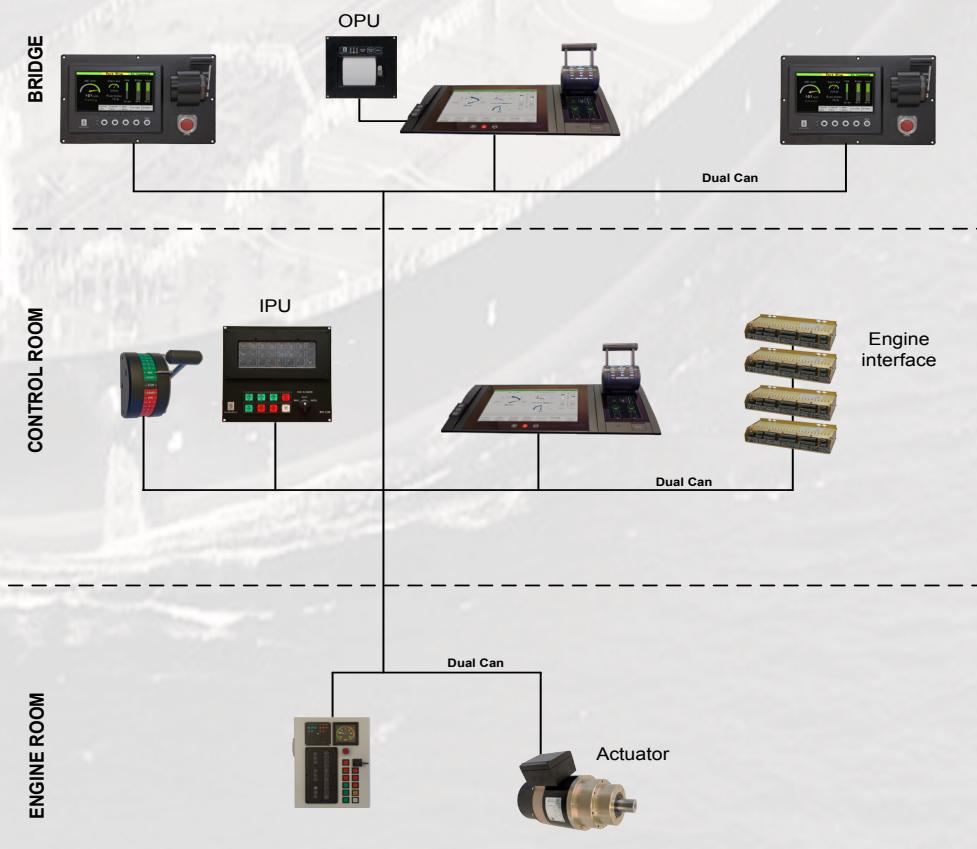
## ACP replacement kit :



Example of prefabricated ACP in 19" rackmount frame.



## Typical AC 600 Configuration



### **Project execution**

Effective project execution is at the heart of Kongsberg's success in undertaking refitting of vessels. By taking the time to gain in-depth knowledge of the customer's needs, we can ensure optimal vessel performance by upgrading the right hardware and software systems.

### **Remote diagnostics and analysis - saving cost and time**

K-Remote uses online system and health monitoring to provide Kongsberg customer support with remote access to ensure systems reliability. The system is designed to address the challenge of establishing a secure and reliable remote session to the vessel control system via satellite communications. The technical solution is using well proven technology adapted to maritime environments.

### **Kongsberg global customer support service**

Kongsberg offers technical support, maintenance support, spare part support, training services and regional support on all product lines – world wide. Our Follow the Sun 24 hour support concept ensures you support that never sleeps. No matter the time of day, someone will always answer the phone at Kongsberg Maritime if you call for help. Three high-tech support centres in Europe, America and Asia provide this 24-hour service. A world of virtual collaboration brings the expertise closer to you.



*Specifications subject to change without any further notice.*

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