



May 2006

Application note A40Z090226b-en-heavy consumer control

Heavy Consumer Control Marine Sequence

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Introduction

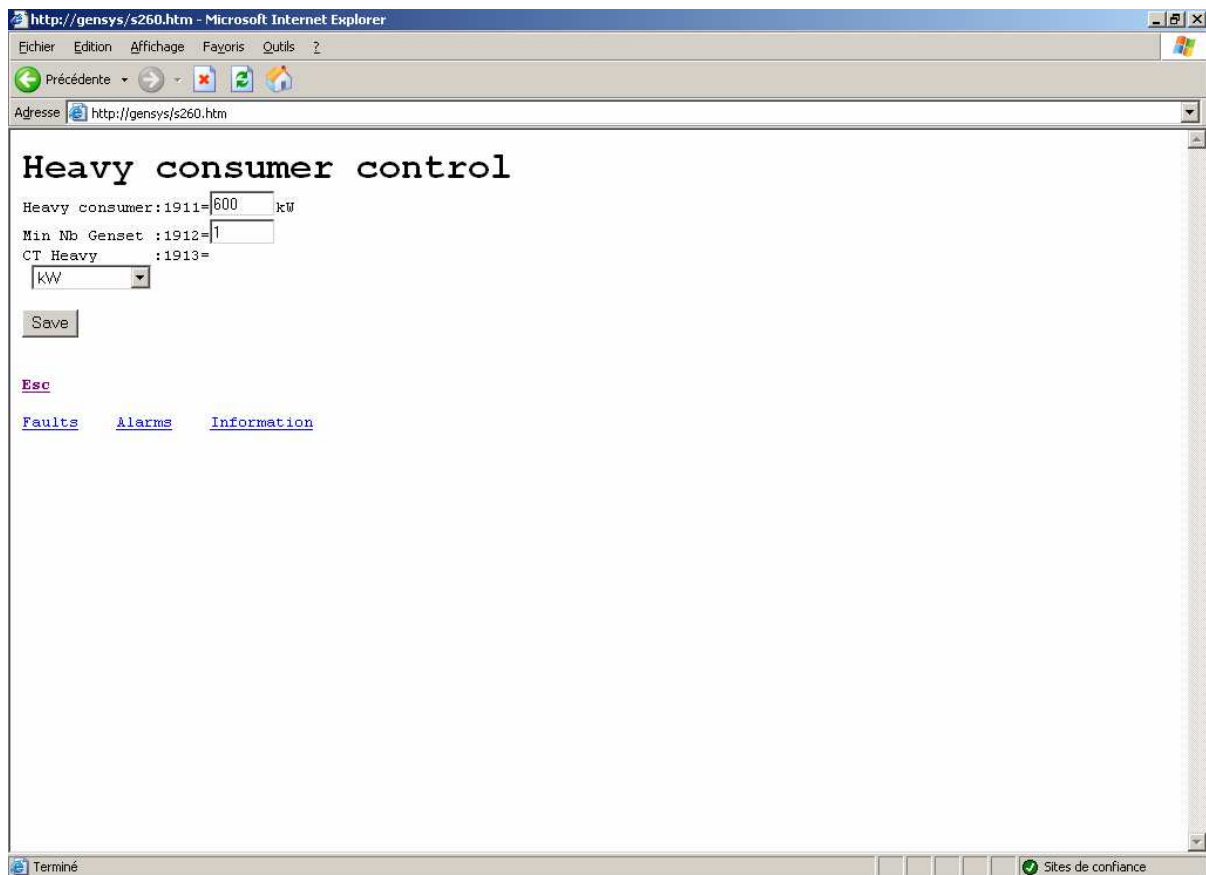
This application note describes the Heavy Consumer Control.

This application is only available in the version 2.09 and following.

Analysis between GENSYS before accept a heavier Consumer (Crane, etc ...).

Procedure

- 1) To set the mode of "Heavy Consumer Control", go to /Configuration/Marine/Heavy Consumer control.



Purpose :

- Analysis between GENSYS before accept load.
 - If Power Plant can accept load , each GENSYS accept load.
 - If Power Plant cannot accept load, Start of one Engine.
- Analysis KW available, number of GE on busbar or both.
- One input for each GENSYS to start analysis of power on the power plant.
- One output for each GENSYS to accept heavy Consumer.
- Example to use Heavy Consumer Control : Use Crane on the port, manoeuvre the ship to get in/out the port, bow thrusters, etc

See diagrams below :

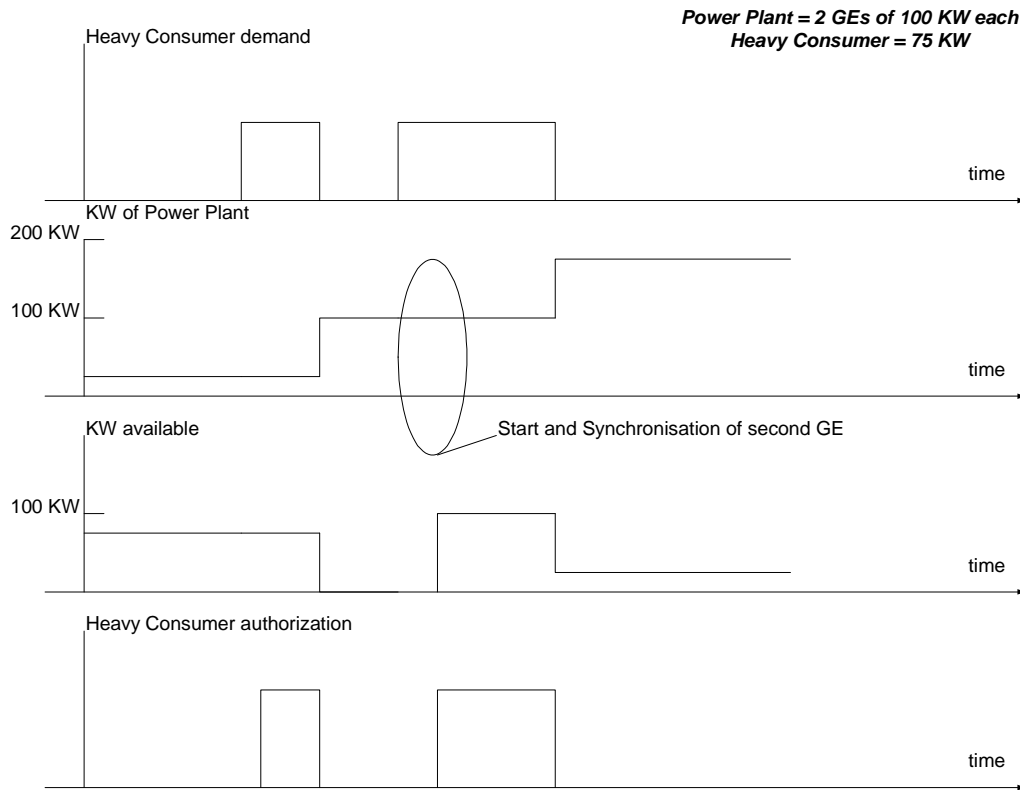


Diagram : Heavy Consumer Control with active power analysis

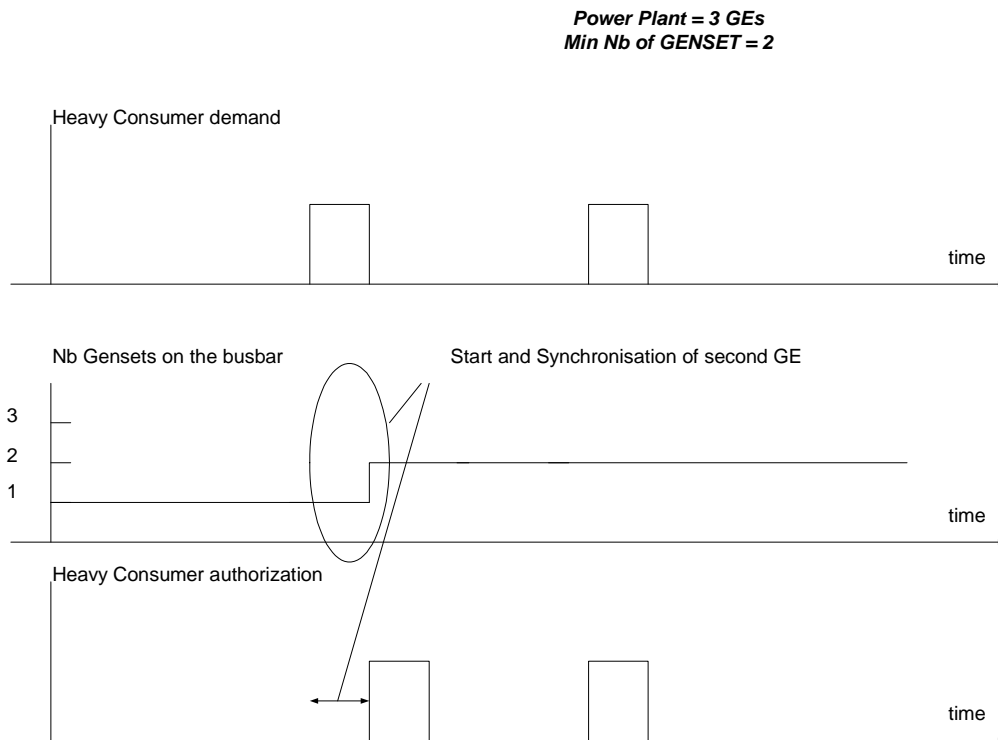


Diagram : Heavy Consumer Control with number of gensets analysis

2) Configuration of the confirmation output (/Configuration/digital transistor output/):

