



## List of ME Shut down and slow down

### Non-cancellable shut down:

- Pump inlet oil pressure, low  
If the pump inlet pressure drops to set value (default = 0.5 bar) the ME ECS releases a non-cancelable shut down
- Hydraulic low pressure sensors failed  
In case all pressure sensor at the low pressure part of hydraulic system fails the ME ECS releases a non-cancelable shut down.  
Valid for software version 1.34 and later
- Hydraulic high pressure fails during running engine  
If the high pressure drops to this value (default = \*) and the engine is running the ME ECS releases a non-cancelable shut down.  
\*) default =135 bar for 200 bar hydraulic systems and default =180 bar for 300 bar hydraulic systems.  
Valid for software version 1.34 and later

### Cancelable shut down:

- Leakage from hydraulic unit, high level  
If the leak flow from the hydraulic unit increase to set value (default = 45 l/min) the ME ECS releases a cancelable shut down
- Leakage from hydraulic unit, alarm time out (option normally not used)  
If alarm for leak flow from the hydraulic unit remains for a set period (default = 60 seconds) the ME ECS releases a cancelable shut down.
- WHR/Shaft generator disconnection failed during slow down.  
If the WHR/shaft generator is not disconnected within a set time (default = 60 seconds) after slow down the ME ECS releases a cancelable shut down.  
Option for plants with WHR/shaft generator.

### Slow down:

- ME cylinder lubricator failure  
In case ME cylinder lubricators fails the ME ECS release slow down request
- No exhaust valve movement (misfiring).