



KONGSBERG

To whom it may concern

Attn:

Deres ref/Your ref

Vår ref/Our ref
PCN 2018 #001

Dato/Date
05.11.2018

Product Support Notification

KM extends spare parts life time support for another 2 years

Process Network of DC2000 - DC1000 - AC-4

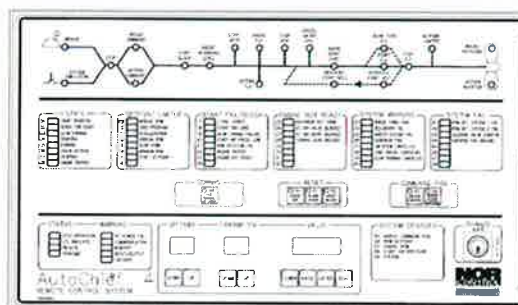
This letter serves as formal notification that Kongsberg Maritime has decided to extend spare parts support for process systems of following KM products:

- DC2000 (delivered between 1992 and 2000)
- DC1000 (delivered between 1996 and 1998)
- AC-4 (delivered between 1992 and 2007)

End of support was originally set to January 1, 2019 due to shortage of spare parts and components to produce parts. However through considerable effort KM has now succeeded to secure critical components and parts in order to build up spare parts stock. KM spare parts capability is by this extended with another 2 years, ending January 1, 2021.

Some examples of Process Network parts included in extended lifespan support:

AC-4 RCS (Remote Control System)
SSU (Safety System Unit)
DGU (Digital Governor Unit)
ETS (Engine Telegraph System)
GCU (Generator Control Unit)
LGU (Level Gauging Unit)
SAU (Signal Acquisition Unit)
PCU (Process Control Unit)
SAX (Extended Signal Acquisition Unit)



Note! Support of OS network parts, all MCU types related to DC1000 and DC2000, is obsolete as announced in 2012. Due to this KM strongly recommend that owners of installations should /must evaluate if their operational risk profile is acceptable taking into consideration that probability of equipment failure correlates with number of running hours.

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Enterprise number 979 750 730

Being aware of the difficult situation an obsolete system may cause, Kongsberg Maritime has developed an efficient and installation-friendly upgrade solution based on new technology. By using the knowledge from an obsolete system, we offer retrofit to the newest product platforms, AC600 and K-Chief 600.

Benefits of AC600 and K-Chief 600 retrofit

- High serviceability and full support of spare parts for the years to come
- Rapid installation work by use of tailor-made kits and re-use of installation cables
- Wide range of newer in-built functionality supporting cost-efficient craftsmanship
- Platform enabling wide range of opportunities for supporting cost efficient vessel operation so as
 - Easy manageable logging, trending and analysement tools
 - Fuel speed pilot
 - Fuel energy setting
- Platform enabling easy interface to surrounding 3rd part equipment
- Easy adaption to and control and monitoring of green technology services and products so as
 - SOx abatement systems (scrubbers)
 - Technology complying to Tier III standards for NOx emissions
 - LNG and LPG ready engines

Please contact Customer Support for more information on either
mail: km.support@kongsberg.com or
phone: +47 33032407.

This notification is effective as of
05.11.2018.

If this PSN Notification has not reached the correct recipient, please forward to appropriate individual or group.

If there are any questions, please contact Kongsberg Maritime so that we can assist you.

Contact e-mail: KM.support@km.kongsberg.com



Yours faithfully

A handwritten signature in blue ink, appearing to read 'Thomas Kristiansen'.

Thomas Kristiansen

Product Manager
Propulsion Control
Kongsberg Maritime AS

A handwritten signature in blue ink, appearing to read 'Espen Kværnstuen'.

Espen Kværnstuen

Product Manager
Vessel Automation
Kongsberg Maritime AS

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