

Repair generator, showing "low water temperature" error.

**Scope of work involved at Rotterdam USARC CSS1199 W/O 18241**

1. Generator needs complete service. Last Service date was in 2020.
2. Unit coolant temperature sensor is faulty causing unit to be inoperable during normal weekly exercise of unit & under Emergency back-up activation.
3. Provide complete service and repairs/replacement of parts.

**Provide complete service/ repairs of Kohler Gas Generator**

~~Remove engine oil & replace with synthetic oil~~ **Part of PM or LoL**

~~Remove engine coolant, flush, replace coolant~~ **Coolant was replaced in 2020, per OEM not required but allowed because of coolant sensor replacement**

~~Remove & replace Spark plugs~~ **Part of PM or LoL**

~~Remove & replace air cleaner element~~ **Part of PM or LoL**

~~Remove & replace worn V-belt~~ **Part of PM or LoL**

~~Remove & replace radiator coolant sensor relay to controller~~

~~Check out all electrical terminations on unit.~~ **Part of PM**

~~Inspect Automatic Transfer Switch for proper operation~~ **Part of PM**

~~Run generator for proper operation~~



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### Proposal for Electrical Work Generator Repairs/ Service

CMI Management  
5285 Shawnee Road  
Alexandria, VA. 22312

For: Rotterdam USARC NY059 6/27/2022  
Location: 101 Remsen Street, Rotterdam, NY

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#### **Provide complete service/ repairs of Kohler Gas Generator**

Remove engine oil & replace with synthetic oil  
Remove engine coolant, flush, replace coolant  
Remove & replace Spark plugs  
Remove & replace air cleaner element  
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Check out all electrical terminations on unit.  
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Run generator for proper operation

1-GM279449 Oil filter	\$37.85
2 GM16132 V Belt \$72.20	\$144.40
8-GM326802 spark plug @ 19.51 each	\$156.08
1-324134 Air Cleaner \$92.50	\$92.50
12-25357-06S oil @ 23.75 each	\$285.00
5- Kohler Coolant @ 26.99 each	\$134.95
1- 276162 T stat	\$44.15
1-255752 Gasket Kit	\$8.50
1-363369 Low level coolant sensor assembly	\$237.45
1- 273404 Low level switch assembly	<u>\$243.65</u>
Materials Total	\$1,384.53
 Labor hours-12 6 hours @ 110.00 per hour	 <b>\$1,320.00 \$660.00</b>

Labor	\$1,320.00	<b>\$660.00</b>
Materials	\$1,384.53	<b>\$668.70</b>
Mark-up 20%	<u>\$276.90</u>	<u><b>\$133.74</b></u>
<b>Total</b>	<b>\$2,981.43</b>	<b>\$1,462.4</b>