Trace Metal Clean Van #7

National Science Foundation
The TMC milvan is a dual-purpose space able to host both a storage compartment and a fully functional clean lab space. The two distinct areas help mitigate cross-contamination and accommodate grantee groups needing the utility of a small work space with lockable storage.

This van has been designated specifically for trace metal clean lab use.
## TMC Van #7 Principal Features and Technical Information

### General

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<tbody>
<tr>
<td>Owner</td>
<td>National Science Foundation</td>
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<tr>
<td>Manufacturer</td>
<td>Sonic Enclosures, LTD.</td>
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<tr>
<td>Purchase Date</td>
<td>2003</td>
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<tr>
<td>Condition</td>
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### Vestibule Specifications

- Drains on the floor of this side of the van
- Minimal electrical support on this side of the van
- Compressed gasses may be stored on this side of the van.

### Lab Specifications

- Two wooden counter tops and a plastic sink
- Positive pressure environment created by: 2 – 2x4 MAC 10 HEPA filters on the air supply to this side of the van
- Fiberglass uni-strut for securing the equipment to the wall
- Surface mounted electrical plugs with PVC conduit and plug boxes
- Sliding plexi-glass door connection to garage compartment
- 6 each 110V 20 Amp plugs on the walls and a 208 3p 15 amp plug on the ceiling
- Pass-through that will allow for data, phone, and CCTV to connect to the ship’s network systems. The pass troughs will also allow for a small 3 ft acrylic hood to be installed in the lab space.