

Managing the GSR System in the Field

**The Mobile System Manager
(MSM)**

Field Trailer Configuration

Mobile System Manager (MSM)

The “Mobile System Manager” (MSM) serves as a field management facility for the Geospace Seismic Recorder (GSR) system. This purpose-built custom mobile structure encompasses all of the ancillary systems needed to support seamless GSR field deployment and data management. The MSM systems include battery charging modules, the seismic data transfer unit, electrical power generation and computing hardware and software to control quality, collate and manage the final data output.

Trailer Exterior

G.V.W.R.	24,000 LBS.
CURB WEIGHT	8,300 LBS.
PAYLOAD	15,700 LBS.
EQUIPMENT INSTALLED	4,526 LBS.
AVAILABLE PAYLOAD	11,174 LBS.
HITCH WEIGHT	2,565 LBS.
THREE AXEL ELECTRIC BRAKES	
WIRING PERFORMED BY JOURNEYMAN LICENSED ELECTRICIAN	



Generator

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1. Rear Cargo Ramp



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1. Rear Cargo Ramp – fully open
- 1a. Rear Freezer Curtains
2. Rear Exterior Work Light



2. Rear Exterior Work Light



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3. Left Side Data Transfer Managers (DTMs)
4. Left Side Battery Chargers



- 5. Right Side Data Transfer Managers (DTMs)
- 6. Right Side Battery Chargers



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5. Right Side DTMs

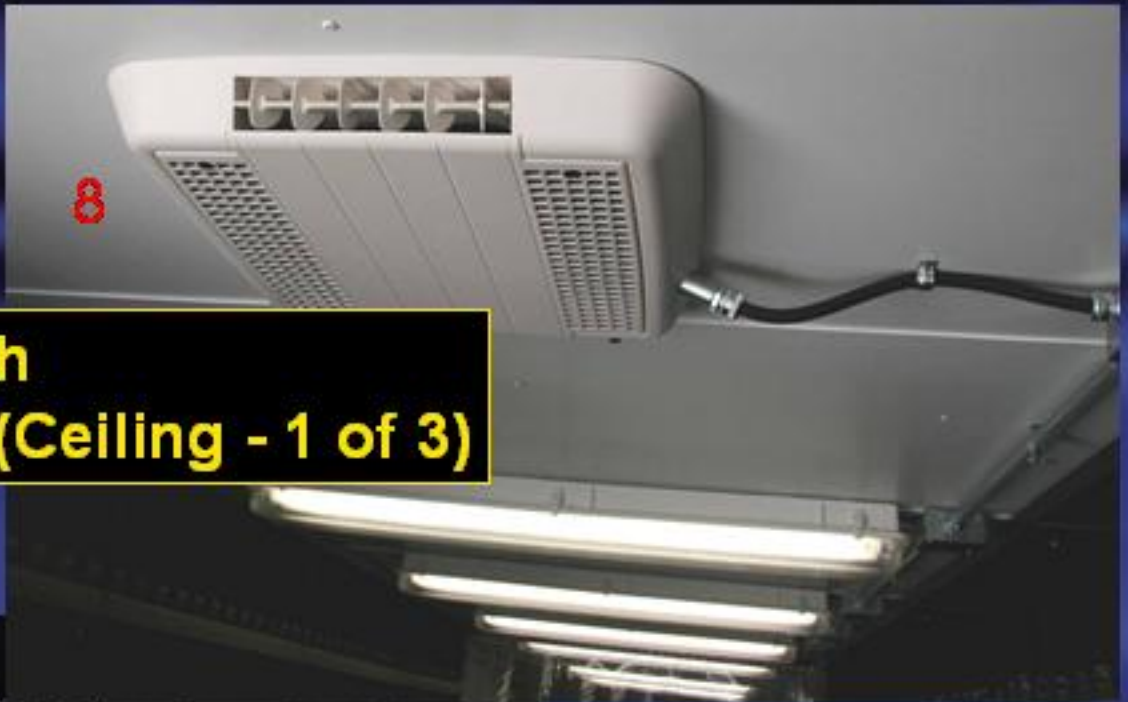
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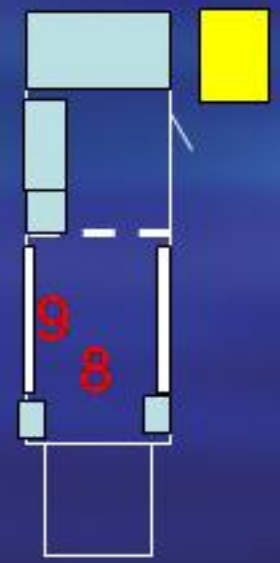
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**8. Coleman Mach
Air Conditioner (Ceiling - 1 of 3)**



9. Baseboard Heaters (15 kW total)



9. Center Freezer Curtain

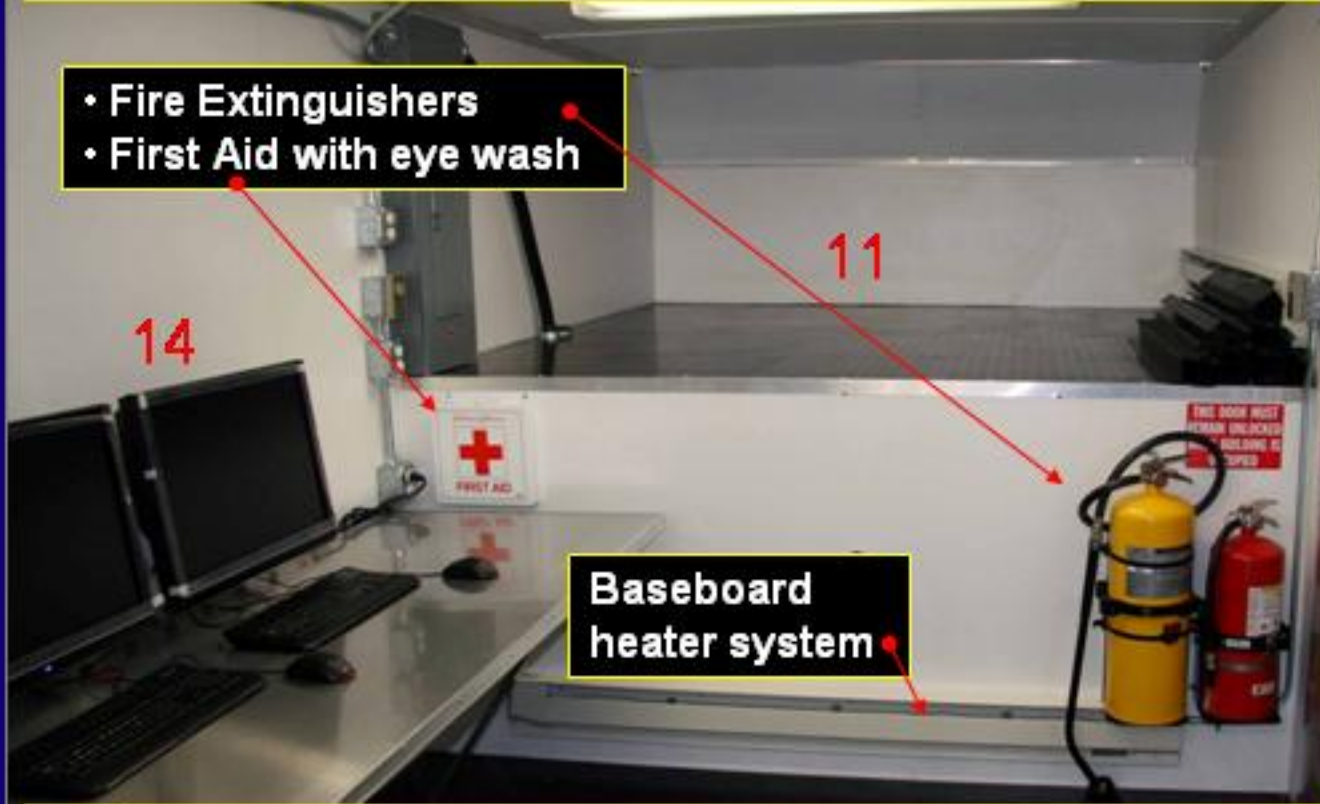
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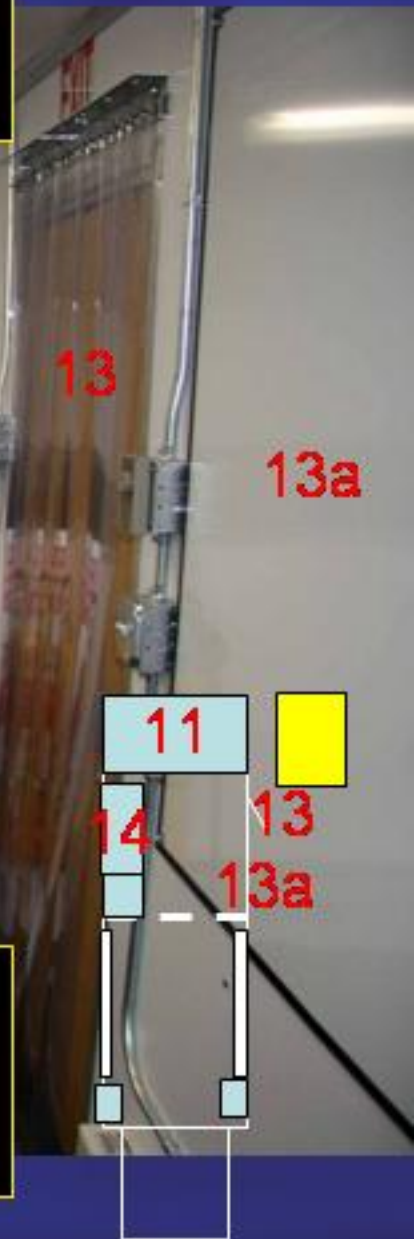
11. Over-the-Tongue Cargo Area
13. Side Door w/ Freezer Curtain ("Exit" clearly noted)

- Fire Extinguishers
- First Aid with eye wash



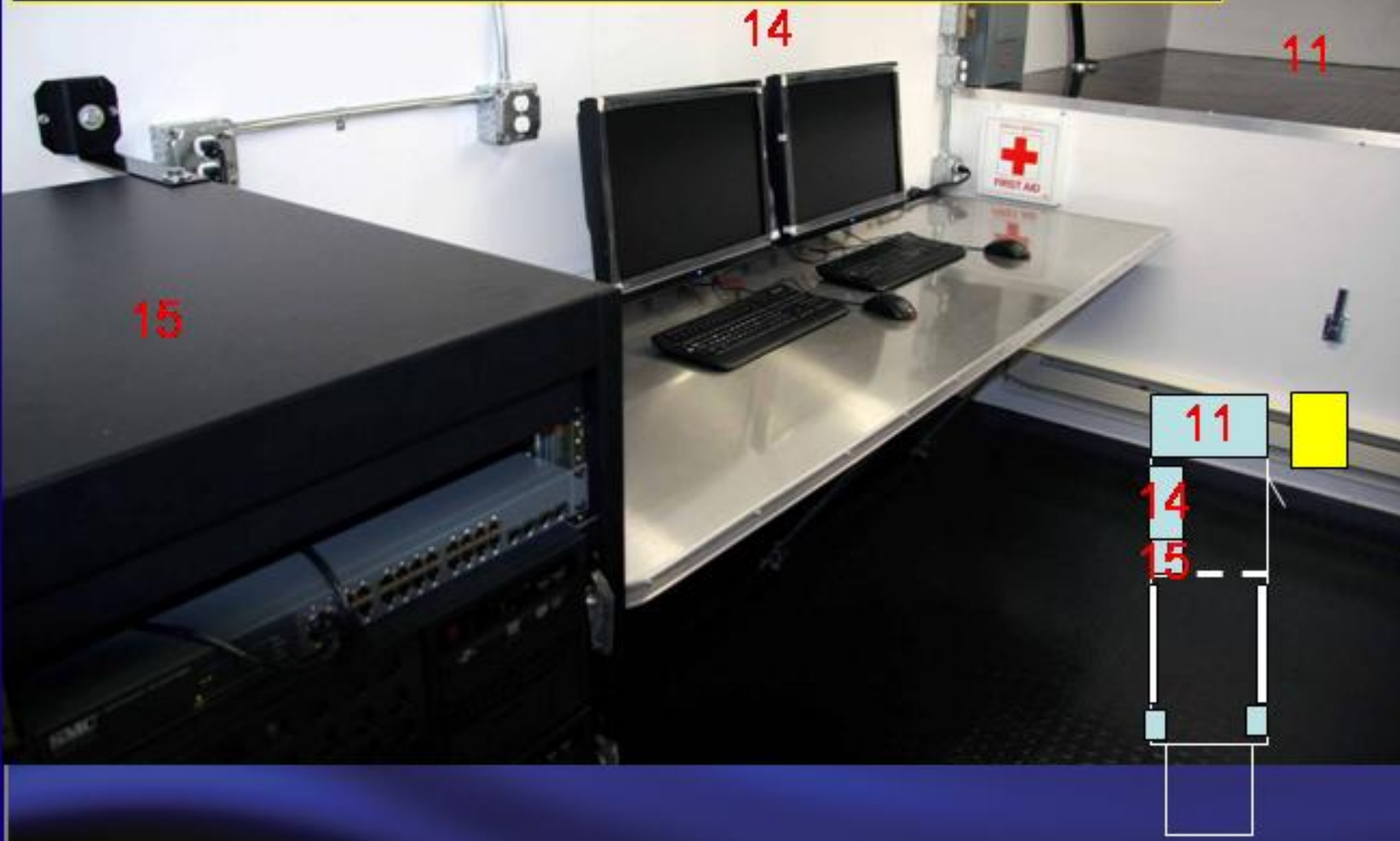
Baseboard heater system

- 13a. Whiteboard**
14. Work area (monitors, keyboards on stainless worktable)



- 11. Over-the-Tongue Cargo Area
- 14. Work area (monitors, keyboards on stainless worktable)
- 15. GeoRes-XTC Data Management System

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14. Work area (monitors, keyboards on stainless worktable)

15. GeoRes-XTC Data Management System

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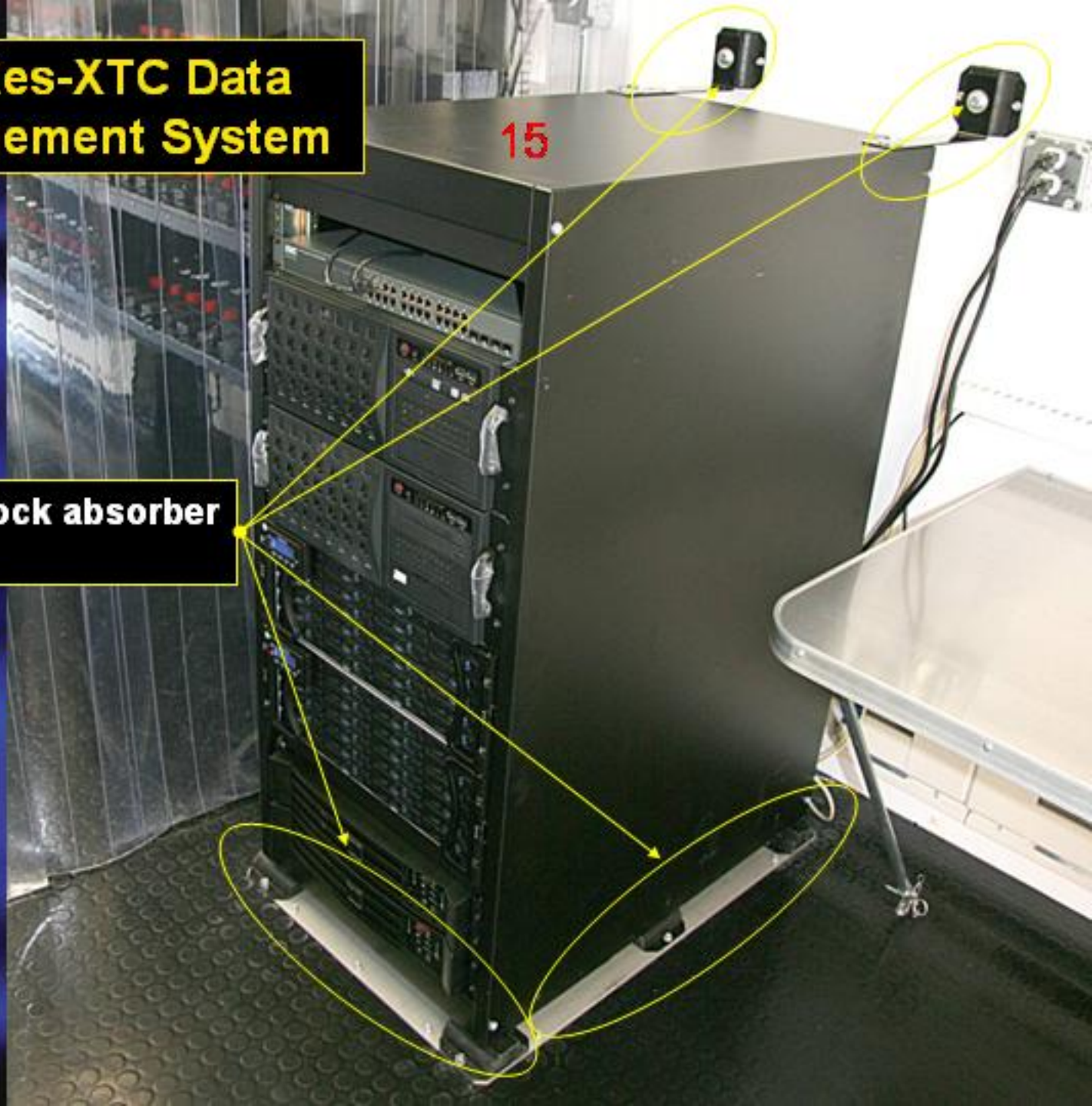
15. GeoRes-XTC Data Management System

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15. GeoRes-XTC Data Management System

System shock absorber mountings



16. Multiple Power Outlets



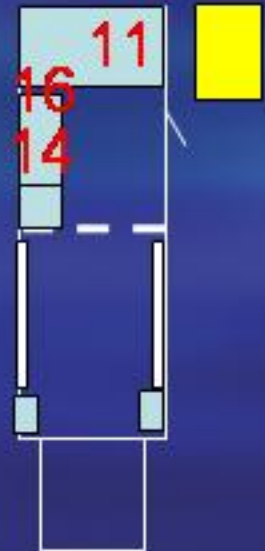
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11. Over-the-Tongue
Cargo Area

11

14

14. Work area (monitors,
keyboards on
stainless worktable)





17. John Deere Powertech Diesel Engine Generator

For More Information

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View video of the GSR System in action in the field go to:

<http://www.oyogeospace.com/gsr/video.htm>

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