



**neo<sup>®</sup>8000e**



## **NEO 8000e Site Survey Form**

**Email completed Survey Forms to [claims@overlandstorage.com](mailto:claims@overlandstorage.com)**



## Record of Revisions

Description	Author	Version	Date
Original draft	Dan Davies	1.0	1/4/2004
Corrected Library Dimensions	Dan Davies	1.01	1/5/2004
Added System Configuration Section	Dan Davies	1.02	1/6/2004
Added Table of Contents	Dan Davies	1.03	1/6/2004
Added Introduction Section 1 and improved formatting	Dan Davies	1.04	1/7/2004
Added pallet dimensions to Section 6 and Optional Service Offerings as Section 13	Dan Davies	1.05	1/17/2004
Added Customer Input to Section 17, System Environment. Optimized graphics to reduce file size.	Dan Davies	1.06	6/29/2004
Added metric values, branding changes, NEO 8000e	Dan Davies	1.07	3/15/2011

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## 1. Introduction

The NEO 8000e Site Survey Form is a pre-installation survey and planning document for new installations of the NEO 8000e.

This document includes library specifications, site requirements, and guidelines to facilitate the installation of the NEO 8000e Tape Library at the customer location.

To ensure a successful installation, all sections on this form should be completed prior to deployment of the library equipment in the customer system environment.

Certain sections must be provided by the customer or authorized agent prior to equipment delivery. Some sections may be edited or updated collaboratively during a pre-installation interview or site inspection. Other sections will be updated by the Overland Authorized Installer during the library installation and system integration process.

The following table outlines the parties responsible for completing each section of the Site Survey Form.

	<b>Site Survey Section</b>	<b>Responsible Party</b>
2	Customer Contact Information	Overland Sales Administration
3	Partner Contact Information	Overland Sales Administration
4	Overland Contact Information	Overland Sales Administration
5	Overland ASP Contact Information	Overland Sales Administration
6	Delivery Location Information	Customer / Authorized Agent
7	Delivery Route Information	Customer / Authorized Agent
8	Equipment Room Information	Customer / Authorized Agent
9	Library Physical Specifications	Overland Storage
10	Library Dimensional Drawings	Overland Storage
11	Library Operational Specifications	Overland Storage
12	Optional installation requirements	Overland Sales Administration
13	Optional service offerings	Overland Sales Administration
14	Configuration Information	Overland Authorized Installer
15	Cabling Requirements	Overland Authorized Installer
16	Library Internal Interconnect Diagram	Overland Authorized Installer
17	System Environment	Customer / Installer
18	Library Backup System Interconnect Diagram	Overland Authorized Installer
19	Additional Comments	As Required
20	Additional Attachments or Diagrams	As Required



## 2. Customer Contact Information

Contact Name	
Company	
Address	
City	
State	
Country	
Phone	
Email	

## 3. Partner Contact Information

Contact Name	
Company	
Address	
City	
State	
Country	
Phone	
Email	

## 4. Overland Contact Information

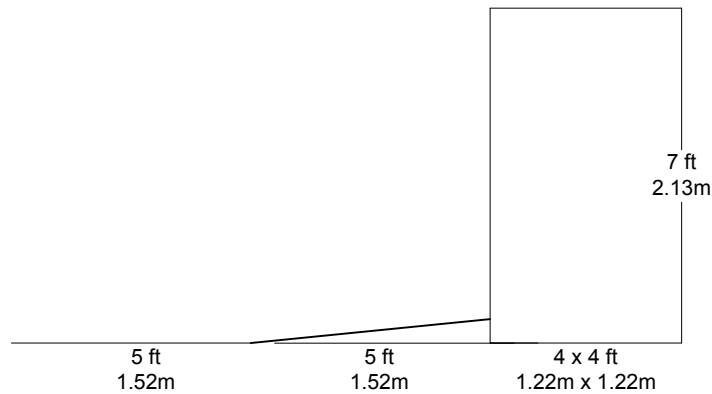
Sales Contact	
Sales Phone #	
Sales Email	
Technical Contact	
Technical Phone #	
Technical Email	

## 5. Authorized Service Provider Contact Information

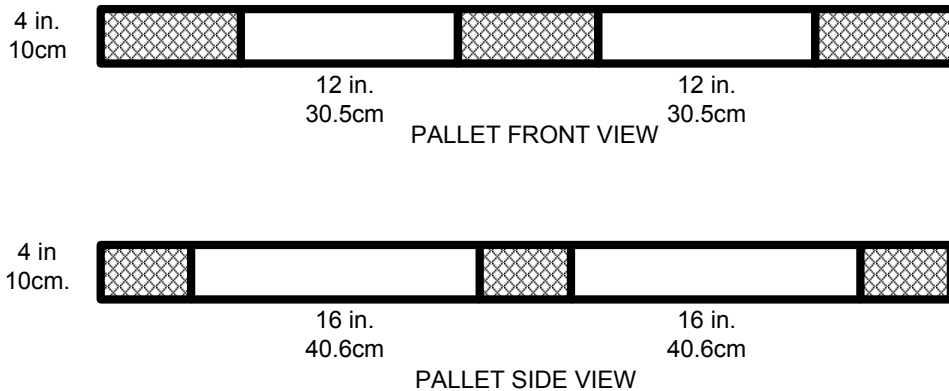
ASP Contact	
ASP Phone #	
ASP Email	

## 6. Delivery Location Information

Planned Delivery Date and Time	
Planned Installation Date and Time	
Planned Operational Date and Time	
Loading Dock contact	
Access requirements for unpacking team (badges, passes, clearances)	
Scheduling requirements for Delivery Location?	
Semi-trailer accessibility?	
Loading Dock Specifications (loading dock, type of ramps, weather protection)	
Location for unpacking	
Special tools required for uncrating	<b>9/16" Box Wrench, Strap Cutter</b>



### NEO8000e Unpacking Dimensions & Required Clearances





## 7. Delivery Route Information

Method of transport to Equipment Room (forklift, pallet jack, casters)	
Access to Equipment Room (smallest door dimensions, elevator dimensions, stairs, ramp locations, incline dimensions, carpeting, floor type(s) transited)	
Aisle and Door Clearances	
Shipping Container and Pallet Dimension Specifications (Height, Width, Depth, Front/Rear clearances for unpacking)	<a href="#">See Drawings Previous Page</a>

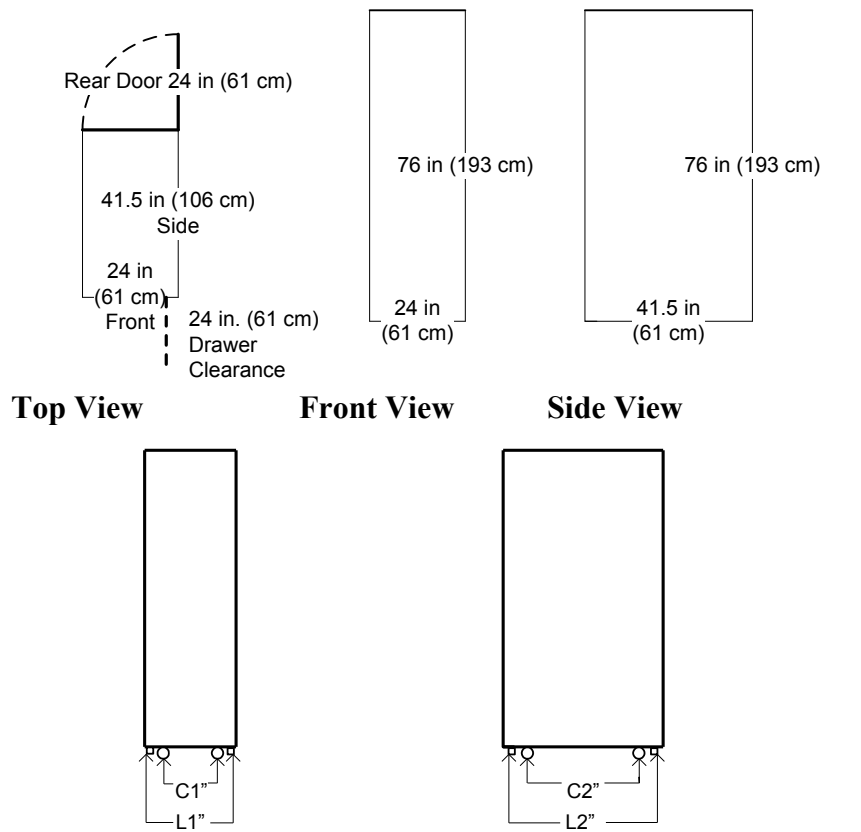
## 8. Equipment Room Information

Equipment Room Contact?	
Access requirements for installation team (badges, passes, security clearances)	
Scheduling requirements for Equipment Room Location?	
Room Dimension	
Ceiling Dimension	
Aisle and Door Clearances	
Floor Type (raised/non-raised floor)	
Floor Load Capacity (recommended floor load rating? – lb/ft <sup>2</sup> )	
Library Location in Equipment Room	
Power Connection Locations (wall, floor, , sub-floor, overhead, ceiling, etc.)	
Interface Cabling Locations (wall, floor, , sub-floor, overhead, ceiling, etc.)	
Fire Protection Considerations?	
UPS Considerations?	

## 9. Library Physical Specifications

Library Height	<b>76 inches (193cm)</b>
Library Width	<b>24 inches (61cm)</b>
Library Depth (without rear door)	<b>41.5 inches (106cm)</b>
Library Depth (with rear door)	<b>43 inches (109cm)</b>
Library Front clearance required	<b>24 inches (61cm)</b>
Library Rear clearance required	<b>24 inches (61cm)</b>
Library Weight (min-max)	<b>655-995 lb. (297-451kg)</b>
Leveling required?	

## 10. Library Dimensional Drawings



C1 (Caster) 18.0" (46 cm)  
 L1 (Leveler) 22.375" (57 cm)

C2 (Caster) 33.75" (86 cm)  
 L2 (Leveler) 38.375" (97 cm)

**Front View**

**Side View**

**Caster and Leveler Locations**



## 11. Library Operational Specifications

Operational temperature	<b>10° C - 40° C (dry bulb)</b>
Operational humidity	<b>15% - 85% (non-condensing)</b>
Thermal Rating (maximum configuration):	<b>2180 BTU - 640 Watts</b>
Voltage	<b>100-120, 200-240 VAC auto-ranging</b>
Amperage (maximum configuration)	<b>9 a (100-120 VAC) 4.5 a (200-240 VAC)</b>
Power connector types (100-120 VAC)	<b>Power connection - NEMA 5-15P Library connection - IEC 60320 C19</b>
Power connector types (200-240 VAC)	<b>Power connection - Not Supplied (Country specific) Library connection - IEC 60320 C19</b>
Power cable lengths (100-120 VAC)	<b>9 feet (2.7m)</b>
Acoustic Specification – Idling	<b>6.4 bels maximum</b>
Acoustic Specification - Operational	<b>7.0 bels maximum</b>

## 12. Optional Installation Requirements:

Additional Tape Drives	
Interface Options	
Capacity Option	

## 13. Optional Service Offerings:

<b>P/N NEO 8000e</b>	<b>P/N Add-on Drive</b>	<b>Description</b>	<b>Y/N</b>





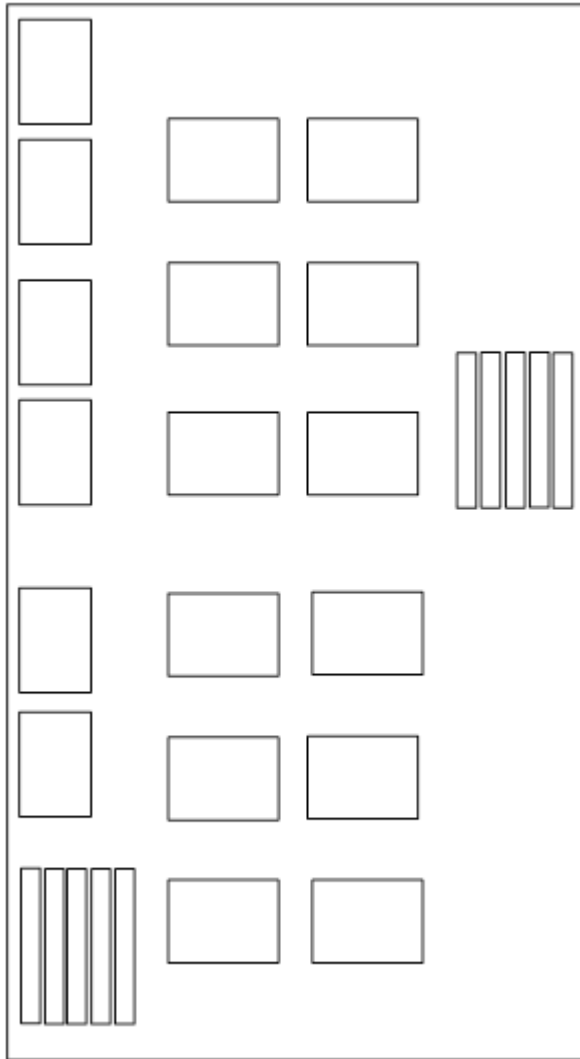
#### 14. Configuration Information:

User 1 Password	
User 2 Password	
Service Password	
WebTLC Level 1 Password	
WebTLC Level 2 Password	
WebTLC IP Address	
WebTLC Subnet Mask	
WebTLC Gateway Address	
WebTLC Email Configuration	
WebTLC SNMP Configuration	
FCO Link Speed	
FCO Topology	
FCO Address Mapping	
Partitioning Configuration	

#### 15. Cabling Requirements:

LVD SCSI Connector Type(s)	<b>VHDCI-68</b>
LVD SCSI Cabling Required	
Fibre Channel Interface Connector Type(s)	<b>LC</b>
Fibre Channel Cabling Required	
SAS Interface Option Connector Type(s)	<b>Mini-SAS (SFF-8088)</b>
SAS Interface Cabling Required	

## 16. Library Internal Interconnect Diagram



CONFIGURATION INFORMATION	
Library	
Library IP Address	
Drive 1	
Drive 2	
Drive 3	
Drive 4	
Drive 5	
Drive 6	
Drive 7	
Drive 8	
Drive 9	
Drive 10	
Drive 11	
Drive 12	



## 17. System Environment

Library System Attachment Summary (Backup Network):

### Backup Server #1 Information

Operating System	
Host Bus Adapter	
HBA Interface Type	
HBA Firmware Revision	
HBA Driver Revision	
Backup Software	
Backup Software Version	
Backup Software Options	

### Additional Backup/Media Server Information

Operating System	
Host Bus Adapter	
HBA Interface Type	
HBA Firmware Revision	
HBA Driver Revision	
Backup Software	
Backup Software Vendor	
Backup Software Version	
Backup Software Options	

### Fibre Channel Switch Information (for Fibre-attached libraries)

Model	
Firmware Revision	

### Disk Subsystem Information (SAN-attached storage)

Fibre Disk Model	
Fibre Disk Revision	

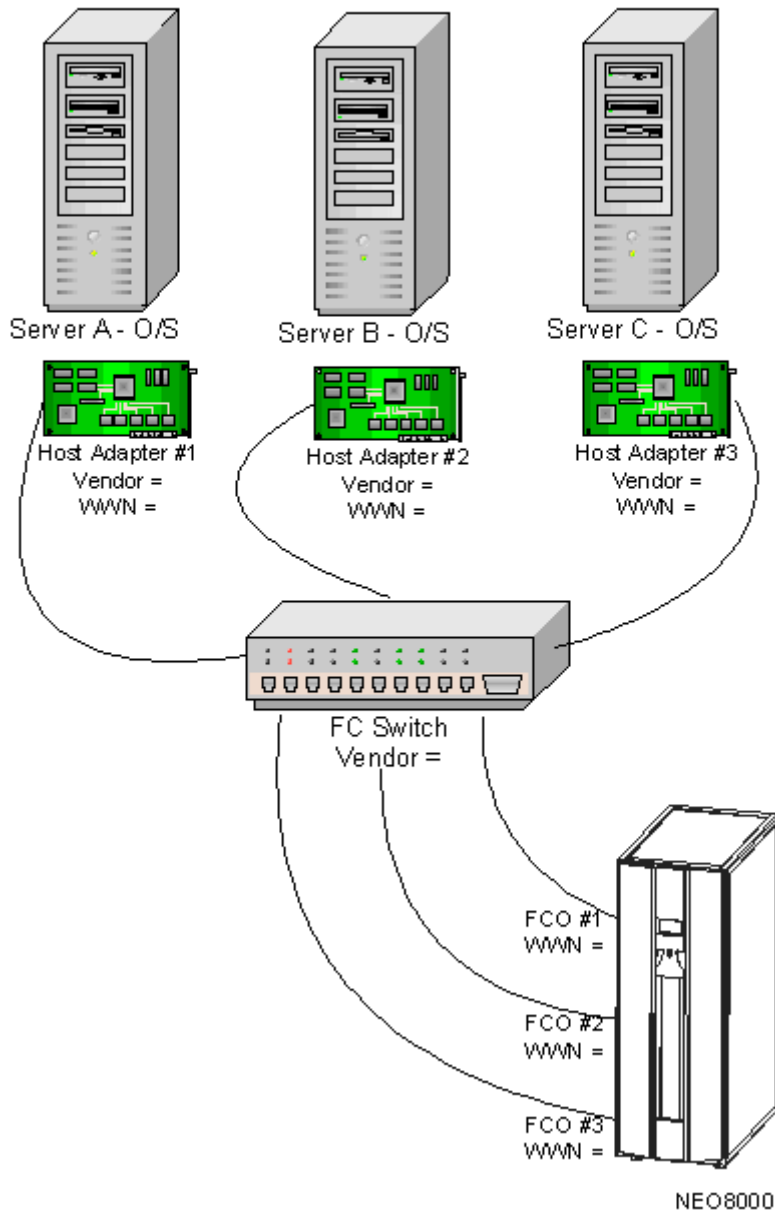
### SAN Host System Information (For Non-Backup/Media Servers on SAN)

Fibre HBA Model	
Host Operating System	
Host Bus Adapter	
HBA Firmware Revision	
HBA Driver Revision	

## 18. Library Backup System Interconnect Diagram

Attach a diagram of the final library/system configuration here. Following is an example of some of the information to be included in this system interconnect diagram.

SAMPLE FIBRE CHANNEL INTERCONNECT DIAGRAM



Server Configuration Info	
Server A Information	O/S, WWN, etc.
Server B Information	O/S, WWN, etc.
Server C Information	O/S, WWN, etc.
Switch Configuration Info	
Switch	Name Server
FCO Configuration Info	
FCO #1 Config	WWN, Mapping, etc.
FCO #2 Config	WWN, Mapping, etc.
FCO #3 Config	WWN, Mapping, etc.



**19. Additional Comments:**


**20. Additional Attachments or Diagrams:**

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