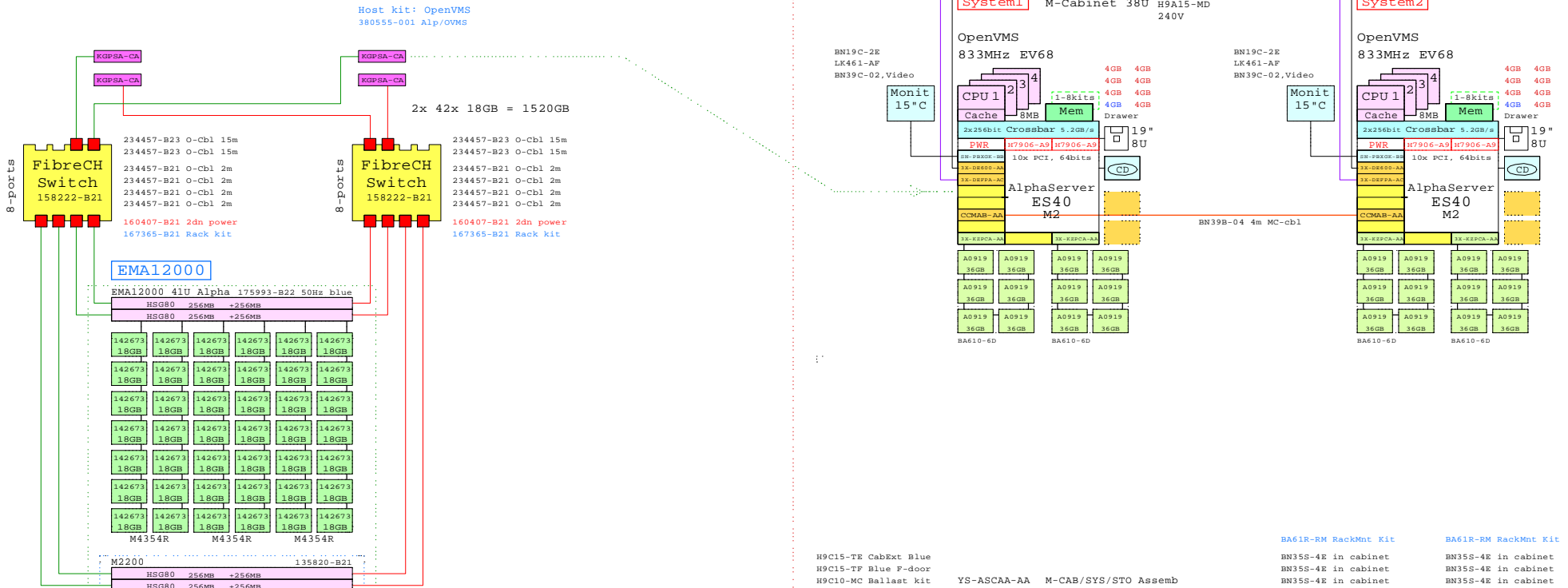


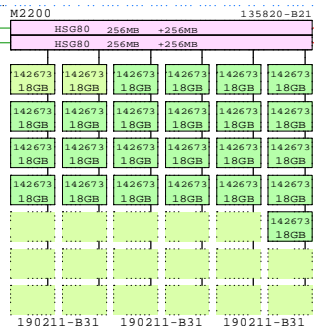
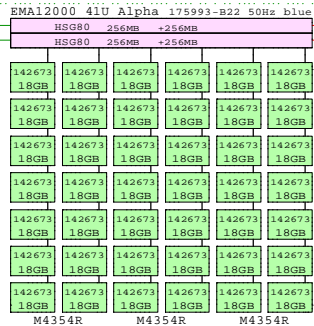
ES40 Model 2 OpenVMS Cluster with external storage

Ethernet

FDDI



EMA12000

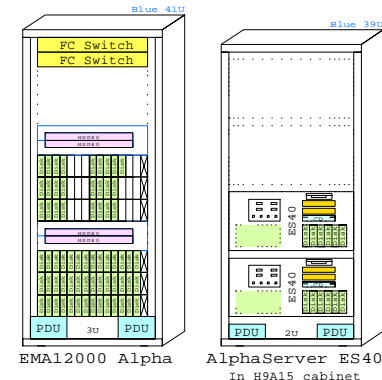


BOM of External Storage

Part Number	Qty	Description
1	17593-B22	1 EMA12000 6x7 41U 50Hz blue
1.1	128697-B21	2 ACS V8.5F controller FCAL/PCSW
1.2	135820-B21	1 Module M2200 shelf, NO controller
1.2.1	128697-B21	2 ACS V8.5F controller FCAL/PCSW
1.2.2	135823-B21	2 HSGKX Single external cache battery
1.2.3	168256-B21	6 SCSI cable VHDCI-VHDCI, 1m
1.2.4	176622-B21	1 HSG80 FC Contr with 256MB cache
1.2.4.1	380674-B21	1 Cache Upg RARk ESA12k 256MB
1.2.5	176622-B21	1 HSG80 FC Contr with 256MB cache
1.2.5.1	380674-B21	1 Cache Upg RARk ESA12k 256MB
1.2.6	190211-B31	1 Modula M4354R dual buss, 7+7, 1.0"
1.2.6.1	142673-B22	8 18.2GB 10000r Ultra3 SCSI disk 1"
1.2.7	190211-B31	1 Modula M4354R dual buss, 7+7, 1.0"
1.2.7.1	142673-B22	8 18.2GB 10000r Ultra3 SCSI disk 1"
1.2.8	190211-B31	1 Modula M4354R dual buss, 7+7, 1.0"
1.2.8.1	142673-B22	9 18.2GB 10000r Ultra3 SCSI disk 1"
1.3	135823-B21	2 HSGKX Single external cache battery
1.4	142673-B22	42 18.2GB 10000r Ultra3 SCSI disk 1"
1.5	176622-B21	1 HSG80 FC Contr with 256MB cache
1.5.1	380674-B21	1 Cache Upg RARk ESA12k 256MB
1.6	176622-B21	1 HSG80 FC Contr with 256MB cache
1.6.1	380674-B21	1 Cache Upg RARk ESA12k 256MB
2	158222-B21	1 SAN Switch 8 Ports
2.1	380561-B21	6 FC Optical Short Wave GRIC 500
158222-B21	1 SAN Switch 8 Ports	
3.1	380561-B21	6 FC Optical Short Wave GRIC 500
4	160407-B21	2 SAN switch redundant power supply
5	234457-B23	4 Fibre Channel 15m Optical Cable
6	167365-B21	2 Rack mount kit for SAN switch
7	234457-B21	8 Fibre Channel 15m Optical Cable
8	380555-001	1 OS Platf Softw Kit for FC Alpha OVMS
9	168794-B21	4 Host Bus Cntr KQPSA-CA,OVMS,UNIX

BOM of Dual ES40 Cabinet

Part Number	Qty	Description
1	H9A15-MD	1 M-Series Cab,H9A15,Blue,240V 38U
1.1	BA61R-RM	2 ES40 Rackmount Kit
1.2	BN19C-2E	2 PowerCable 240V, C-Europe
1.3	BN35S-4E	6 PowerCord c13 to c14, Rom US
1.4	BN39B-04	1 04m copper cbl for CCMAB Mem,Chan
1.5	BN39C-02	2 1.8 Video Extension Cable ***
1.6	DY-64CAA-FA	1 ES40 68/833 Model 2 4GB OVMS 10PCI DWR
1.6.1	3R-VRQV5-24	1 COMPAQ V55 CLR MEM,NH,TC095
1.6.2	3X-DEPPA-AA	1 10/100 1xChannel Ethernet, Twisted
1.6.3	3X-DEPPA-AA	1 PCI to FDDI SAS MMF with SC/Universal
1.6.4	3X-KZPCA-AA	2 Single channel LVD adapter
1.6.5	BA610-6D	1 ES40 Disk Drive Cage, 6-Bay
1.6.5.1	3R-A0919-AA	6 36.4GB Uscsi3 10K Universal disk 1"
1.6.6	BA610-6D	1 ES40 Disk Drive Cage, 6-Bay
1.6.6.1	3R-A0919-AA	6 36.4GB Uscsi3 10K Universal disk 1"
1.6.7	CCMAB-AA	1 PCI Mem, Channel-2 Cluster cntrl
1.6.8	H7906-AA	3 ES40 Power Sply, 2nd or 3rd
1.6.9	RN610-CC	2 ES40 4GB Memory Option
1.6.10	MS610-FA	7 ES40 4GB Memory Option
1.6.11	SN-PBXKX-BB	1 Elpa Gloria Synergy 8M Video Graphics
1.7	DY-64CAA-FA	1 ES40 68/833 Model 2 4GB OVMS 10PCI DWR
1.7.1	3R-VRQV5-24	1 COMPAQ V55 CLR MEM,NH,TC095
1.7.2	3X-DEPPA-AA	1 10/100 1xChannel Ethernet, Twisted
1.7.3	3X-DEPPA-AA	1 PCI to FDDI SAS MMF with SC/Universal
1.7.4	3X-KZPCA-AA	2 Single channel LVD adapter
1.7.5	BA610-6D	1 ES40 Disk Drive Cage, 6-Bay
1.7.5.1	3R-A0919-AA	6 36.4GB Uscsi3 10K Universal disk 1"
1.7.6	BA610-6D	1 ES40 Disk Drive Cage, 6-Bay
1.7.6.1	3R-A0919-AA	6 36.4GB Uscsi3 10K Universal disk 1"
1.7.7	CCMAB-AA	1 PCI Mem, Channel-2 Cluster cntrl
1.7.8	H7906-AA	2 ES40 Power Sply, 2nd or 3rd
1.7.9	RN610-CC	2 ES40 4GB Memory Option
1.7.10	MS610-FA	7 ES40 4GB Memory Option
1.7.11	SN-PBXKX-BB	1 Elpa Gloria Synergy 8M Video Graphics
1.8	H9C10-MC	1 Ballast Kit for cabinets
1.9	H9C15-TE	1 Rear cab extender for H9A15 Blue
1.10	H9C15-TF	1 FrontSupport Blue for H9A15
1.11	LK461-AF	2 VMS STYLE KEYBOARD, Pin/Swed
1.12	YS-ASCAA-AA	1 M-CAB/SYS/STO Assembly



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Matti.Patari@compaq.com

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GOLDEN EGGS Visuals, Helsinki

This template is included in the present GOLDEN EGGS Software kit.