



MANAGING A CSM (CONTENT STORAGE MANAGEMENT)

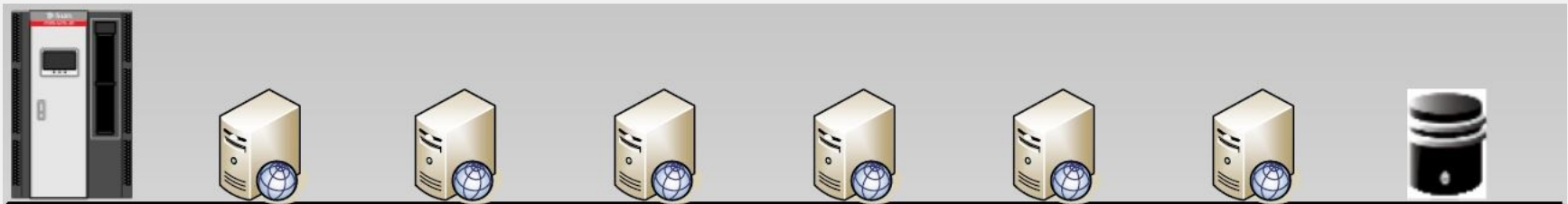
TOMMY CHRISTIANSEN – THE DANISH FILMINSTITUTE (FILMARCHIVE)

- Why a digital filmarchive?
- System Setup
- DIVArchive CSM GUI
- DIVA Configuration Utility
- DIVA Director
- Roundup

- Space benefits
- Cost benefits
- Preservation purpose
(Migrate)

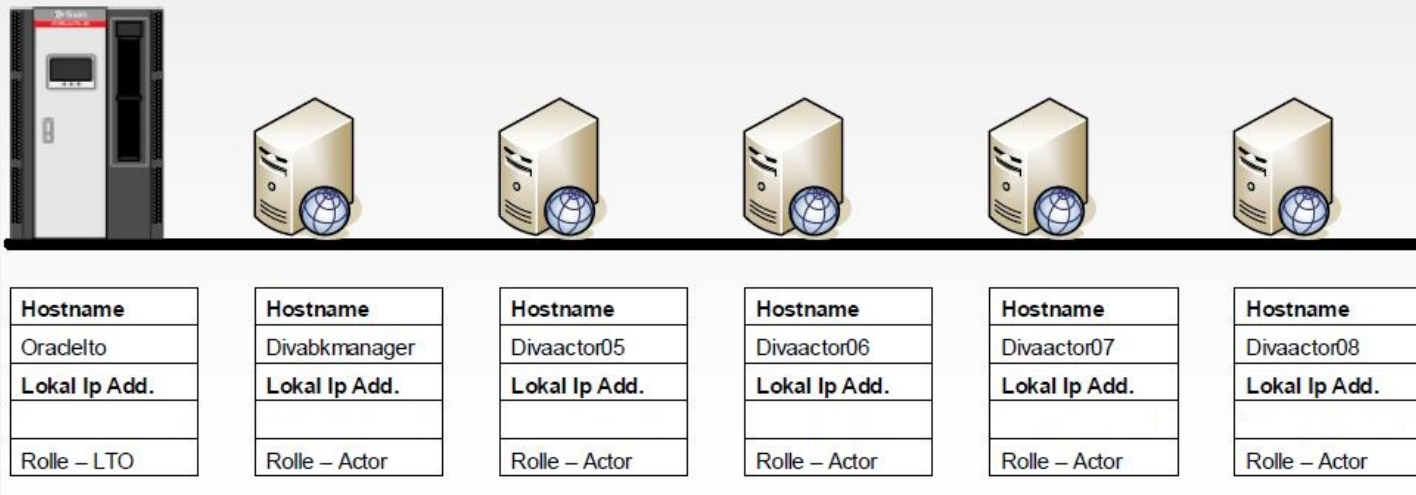






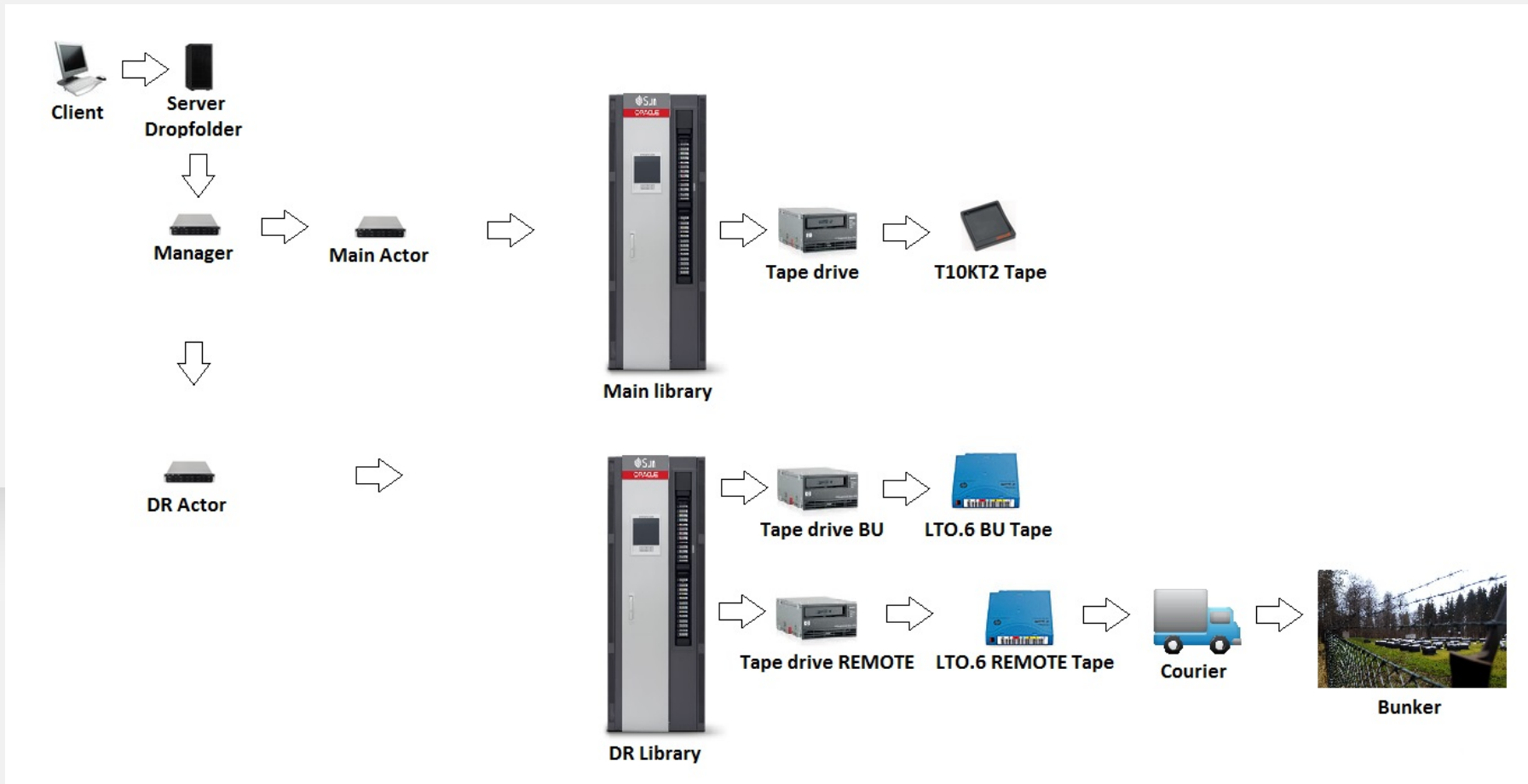
Hostname	Hostname	Hostname	Hostname	Hostname	Hostname	Hostname	Hostname	Hostname
Oraclet10k	Divamanager	Divadir	Divaactor01	Divaactor02	Divaactor03	Divaactor04	Divanas	
Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.	Lokal Ip Add.
Rolle – T10K	Rolle - Manager	Rolle - Director	Rolle – Actor	Rolle - Actor	Rolle - Actor	Rolle - Actor	Rolle - Actor	Rolle - NAS

T10000KT2 Tapes (MAIN)

















LTO.6 Tapes (BACKUP + REMOTE COPY)









Name ^	Array	State	Last Error Message	Writable	Avail. Size	Total Size	Used Capacity	First Utilization Date	Last Access Date	Last Read Date	Last Write Date
 CACHE_A1	CACHE_MAIN	Online		true	6.233.793.360 KB	6.259.864.572 KB	0%	08/04/2014 17:24:45	17/09/2014 12:08:08	17/09/2014 12:08:08	17/09/2014 12:05:38
 CACHE_A2	CACHE_MAIN	Online		true	2.504.937.711 KB	2.928.539.644 KB	14%	08/04/2014 16:28:01	16/09/2014 15:57:38	16/09/2014 15:57:38	16/09/2014 13:14:35
 CACHE_A3	CACHE_MAIN	Online		true	5.742.339.901 KB	5.858.126.844 KB	1%	08/04/2014 14:40:41	16/09/2014 17:45:06	16/09/2014 17:45:06	16/09/2014 17:37:15
 CACHE_A4	CACHE_DR	Online		true	4.472.953.700 KB	6.259.864.572 KB	28%	08/04/2014 18:03:53	13/09/2014 12:12:42	13/09/2014 12:12:42	13/09/2014 01:59:48
 CACHE_A5	CACHE_DR	Online		true	3.101.100.479 KB	3.128.914.940 KB	0%	08/04/2014 18:06:18	13/09/2014 12:07:54	13/09/2014 12:07:54	13/09/2014 01:58:46
 CACHE_A6	CACHE_DR	Online		true	3.328.382.244 KB	3.330.241.532 KB	0%	25/06/2014 10:02:42	13/09/2014 12:16:50	13/09/2014 12:16:50	13/09/2014 02:00:08
 CACHE_A7	CACHE_DR	Online		true	2.800.871.200 KB	3.330.241.532 KB	15%	29/04/2014 14:25:38	18/09/2014 12:45:26	18/09/2014 12:29:10	18/09/2014 12:45:26
 DIVAgrid_A1	DIVAgrid	Online		true	5.974.653.388 KB	8.388.607.996 KB	28%	26/08/2014 10:56:46	17/09/2014 20:23:24	17/09/2014 20:23:24	17/09/2014 19:02:11
 DIVAgrid_A2	DIVAgrid	Online		true	741.998.369 KB	8.789.030.908 KB	91%	08/04/2014 15:09:39	11/09/2014 14:38:02	11/09/2014 14:38:02	11/09/2014 12:45:22
 DIVAgrid_A3	DIVAgrid	Online		true	719.421.331 KB	8.789.129.212 KB	91%	10/04/2014 09:08:59	17/09/2014 20:01:50	17/09/2014 20:01:50	17/09/2014 18:54:06
 DIVAgrid_A4	DIVAgrid_DR	Online		true	1.001.248.284 KB	8.388.607.996 KB	88%	08/04/2014 15:35:02	17/09/2014 20:28:40	17/09/2014 20:28:40	17/09/2014 19:33:09
 DIVAgrid_A5	DIVAgrid_DR	Online		true	1.033.058.113 KB	8.589.934.588 KB	87%	08/04/2014 15:47:49	17/09/2014 17:20:06	17/09/2014 17:20:06	17/09/2014 15:02:14
 DIVAgrid_A6	DIVAgrid_DR	Online		true	1.075.174.468 KB	8.388.607.996 KB	87%	10/04/2014 12:33:53	17/09/2014 20:01:39	17/09/2014 20:01:39	17/09/2014 19:10:24
 DIVAgrid_A7	DIVAgrid_DR	Online		true	1.099.778.756 KB	8.388.607.996 KB	86%	10/04/2014 09:22:29	17/09/2014 18:12:56	17/09/2014 18:12:56	17/09/2014 14:51:50



Current requests:

ID	Errors	Type	Priority	Status	Step	Object	Category	Comments	Tape	Progress
194880	—	Copy	30	Running	⌛ Waiting for Resources	41965	DCDM-GROUP-01	HORSENS IDRÆTSKLUBS ØVELSER (DK)		0%
194879	—	Copy	30	Running	➡ Writing	38990	DCDM-GROUP-01	[DANMARKS LANDBRUG] (UBEKENDT, DK, 1921)	A00052	8%
194878	—	Copy	30	Running	➡ Writing	64204	DCDM-GROUP-01	FOLKESKOLENS IDRÆTSSTÆVNE I KØBENHAVN (DK, 1928)	A00054	16%
194877	—	Archive	30	Completed	--	41965	DCDM-GROUP-01	HORSENS IDRÆTSKLUBS ØVELSER (DK)		100%
194876	—	Copy	30	Running	➡ Writing	30436	DCDM-GROUP-01	DNSAP'S LANDSSTÆVNE I GRENAA (DK, 1937)	A00057	29%
194875	—	Archive	30	Completed	--	64204	DCDM-GROUP-01	FOLKESKOLENS IDRÆTSSTÆVNE I KØBENHAVN (DK, 1928)		100%
194873	—	Archive	30	Completed	--	30436	DCDM-GROUP-01	DNSAP'S LANDSSTÆVNE I GRENAA (DK, 1937)		100%
194874	—	Archive	30	Completed	--	38990	DCDM-GROUP-01	[DANMARKS LANDBRUG] (UBEKENDT, DK, 1921)		100%

Request Properties X

Request

Request ID: Priority:

Type: Status:

Object Properties

Object Name: Category: View Details...

Archive Properties

Media: Source:

Additional Services: Delete On Source QOS:

Files: View All Files...

Comments:

Files Path Root: Options:

Events List

ID	Severity	Description	Date
877750	Information	<i>Request status is COMPLETED</i>	17/09/2014 18:25:00
877749	Information	<i>Request step is STEP_CLEANING_SOURCE(Divaactor01)</i>	17/09/2014 18:24:57
877748	Information	<i>Request step is STEP_WAITING_FOR_RESOURCES</i>	17/09/2014 18:24:57
877747	Information	All components have been archived to disk	17/09/2014 18:24:57
877746	Information	Checksum - Source: Actor Component: SKOLEN_FOR_LIVET.MOV Type: MD5 Value: 87177937bbae0d3b0a348313f935f3a6	17/09/2014 18:24:57
877745	Information	Starting transfer to disk DIVAgrid_A1 in S:\DIVASTORAGE\divastorage\DIVA\0000\058\564	17/09/2014 18:23:30
877744	Information	<i>Request step is STEP_TRANSFER(Divaactor01, DIVAgrid_A1)</i>	17/09/2014 18:23:30
877743	Information	Direct archive to disk is used.	17/09/2014 18:23:30
877742	Information	Scan of source complete (1 file, 0 folders scanned)	17/09/2014 18:23:29
877741	Information	<i>Request step is STEP_WAITING_FOR_RESOURCES</i>	17/09/2014 18:23:29
877740	Information	<i>Request step is STEP_OBJECT_SIZE(Divaactor01)</i>	17/09/2014 18:23:29
877739	Information	<i>Request step is STEP_WAITING_FOR_RESOURCES</i>	17/09/2014 18:23:29
877738	Information	<i>Request status is RUNNING</i>	17/09/2014 18:23:29
877737	Information	<i>Request status is PENDING</i>	17/09/2014 18:23:29
877736	Information	The destination media (DIVAgrid) was obtained from the provided storage plan.	17/09/2014 18:23:29
877735	Information	Request received	17/09/2014 18:23:29

Navigation: Home | Action | Manage | Analytics | View

Resources: Dashboard | Manager | Actors | Robot Managers | Libraries | Drives | Disks | Tapes | Sources Destinations

Tapes

Hide Filters

Barcode: U* Group: *

Externalized: No Protected: *

Barcode	ACS	LSM	Media Type	Group	Set	Free Space	Tape Format	Fragmentation	Used Capacity	Externalized	Protected	Writable	First Insertion D...	First Utilization ...
U00001	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	08/04/2014 16:10:26
U00003	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	08/04/2014 16:14:25
U00004	1	0	LTO-2.5T	DCDM_REMOTE	20	80,94 GB	AXF	0%	96%	No		true	08/04/2014 13:12:14	08/04/2014 16:15:05
U00005	1	0	LTO-2.5T	DCDM_BACKUP	20	0 B	AXF	0%	100%	No		true	08/04/2014 13:12:14	08/04/2014 16:54:29
U00006	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	08/04/2014 16:53:36
U00007	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	08/04/2014 18:07:55
U00010	1	0	LTO-2.5T	TRAILER_EPK_BACKUP	20	2,09 TB	Legacy	0%	10%	No		true	08/04/2014 13:12:14	08/04/2014 19:34:47
U00012	1	0	LTO-2.5T	DCDM_BACKUP	20	0 B	AXF	0%	100%	No		true	08/04/2014 13:12:14	10/04/2014 13:06:09
U00013	1	0	LTO-2.5T	FINALMIX_BACKUP	20	443,56 GB	Legacy	0%	81%	No		true	08/04/2014 13:12:14	10/04/2014 13:27:01
U00014	1	0	LTO-2.5T	FINALMIX_REMOTE	20	1,47 TB	Legacy	0%	36%	No		true	08/04/2014 13:12:14	10/04/2014 13:41:16
U00016	1	0	LTO-2.5T	DCDM_BACKUP	20	0 B	AXF	0%	100%	No		true	08/04/2014 13:12:14	11/04/2014 23:29:32
U00018	1	0	LTO-2.5T	VIDEOMASTER_REMOTE	20	1,63 TB	Legacy	0%	30%	No		true	08/04/2014 13:12:14	13/04/2014 13:19:35
U00019	1	0	LTO-2.5T	TRAILER_EPK_REMOTE	20	1,96 TB	Legacy	0%	15%	No		true	08/04/2014 13:12:14	13/04/2014 13:21:04
U00020	1	0	LTO-2.5T	FINALMIX_BACKUP	20	2,33 TB	Legacy	0%	0%	No		true	08/04/2014 13:12:14	20/04/2014 13:11:51
U00021	1	0	LTO-2.5T	FINALMIX_REMOTE	20	2,12 TB	Legacy	0%	8%	No		true	08/04/2014 13:12:14	20/04/2014 13:12:39
U00022	1	0	LTO-2.5T	FINALMIX_BACKUP	20	1,05 TB	Legacy	0%	54%	No		true	08/04/2014 13:12:14	20/04/2014 16:08:03
U00023	1	0	LTO-2.5T	FINALMIX_BACKUP	20	1,31 TB	Legacy	0%	43%	No		true	08/04/2014 13:12:14	20/04/2014 16:09:33
U00025	1	0	LTO-2.5T	TRAILER_EPK_BACKUP	20	1,99 TB	Legacy	1%	14%	No		true	08/04/2014 13:12:14	22/04/2014 09:40:13
U00026	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	22/04/2014 10:55:54
U00027	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	0%	100%	No		true	08/04/2014 13:12:14	22/04/2014 13:46:46
U00029	1	0	LTO-2.5T	DCP_BACKUP	20	1,87 TB	Legacy	0%	19%	No		true	08/04/2014 13:12:14	22/04/2014 15:34:39
U00030	1	0	LTO-2.5T	DCP_BACKUP	20	0 B	Legacy	0%	100%	No		true	08/04/2014 13:12:14	22/04/2014 15:40:20
U00031	1	0	LTO-2.5T	DCP_REMOTE	20	165,98 GB	Legacy	0%	93%	No		true	08/04/2014 13:12:14	23/04/2014 12:24:45
U00032	1	0	LTO-2.5T	TRAILER_EPK_BACKUP	20	2,29 TB	Legacy	0%	1%	No		true	08/04/2014 13:12:14	24/04/2014 10:02:40
U00033	1	0	LTO-2.5T	TRAILER_EPK_REMOTE	20	1,47 TB	Legacy	0%	36%	No		true	08/04/2014 13:12:14	25/04/2014 13:20:27
U00034	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	1%	100%	No		true	08/04/2014 13:12:14	01/05/2014 10:07:07
U00035	1	0	LTO-2.5T	DCDM_BACKUP	20	0 B	AXF	0%	100%	No		true	08/04/2014 13:12:14	04/05/2014 07:24:46
U00036	1	0	LTO-2.5T	DCDM_BACKUP	20	0 B	AXF	0%	100%	No		true	08/04/2014 13:12:14	04/05/2014 11:13:38
U00039	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	0%	100%	No		true	08/04/2014 13:12:15	05/05/2014 19:43:45
U00040	1	0	LTO-2.5T	VIDEOMASTER_BACKUP	20	0 B	Legacy	0%	100%	No		true	08/04/2014 13:12:15	06/05/2014 05:33:31

Home Action Manage Analytics View

Objects Requests Media Require / Release SPM Actions

Manage

Logged requests

Hide Filters

ID: * Type: ...

Object Name: * Category: *

Source/Destination: *

Dates: YYYY MM DD HH MN
 Begin: 2014 09 15 00 : 00
 End: 2014 10 18 23 : 59
 enable

ID	Errors	Type	Status	Object Name	Category	Comments	Submission Date	Source/Destination	Rep...	Destinat...	Third Party ID
194872	—	Restore	Completed	66367	MASTER-UK-01		17/09/2014 20:09:29	generic-disk			
194871	—	Copy	Completed	66367	MASTER-UK-01		17/09/2014 20:02:23			U00018	
194870	—	Copy	Completed	66367	MASTER-UK-01		17/09/2014 20:02:23			U00232	
194869	—	Copy	Completed	8243	MASTER-03		17/09/2014 19:54:22			U00128	
194868	—	Copy	Completed	8243	MASTER-03		17/09/2014 19:54:22			U00155	
194867	—	Copy	Completed	66367	MASTER-UK-01		17/09/2014 19:12:12				
194866	—	Copy	Completed	8243	MASTER-03		17/09/2014 19:04:11				
194865	—	Restore	Completed	66367	MASTER-UK-01		17/09/2014 19:03:33	Law-Proxy-16-9			
194864	—	Copy	Completed	66367	MASTER-UK-01		17/09/2014 19:03:33			A00047	
194863	—	Copy	Completed	8243	MASTER-03		17/09/2014 18:55:12			A00047	
194862	—	Archive	Completed	8243	MASTER-03	SKOLEN FOR LIVET: (KRISTEN BJØRNKJÆ)	17/09/2014 18:39:59	videomaster1			
194861	—	Delete	Completed	8243	MASTER-03	SKOLEN FOR LIVET: (KRISTEN BJØRNKJÆ)	17/09/2014 18:38:02				
194860	—	Archive	Completed	66367	MASTER-UK-01	VÆRELSE 304 (BIRGITTE STÆRMOSE, DK)	17/09/2014 18:36:29	videomaster1_p169			
194859	⚠	Delete	Aborted	8243	MASTER-03	SKOLEN FOR LIVET: (KRISTEN BJØRNKJÆ)	17/09/2014 18:36:26				
194858	—	Copy	Completed	8243	MASTER-03		17/09/2014 18:35:06				
194857	—	Copy	Completed	8243	MASTER-03		17/09/2014 18:26:05			A00047	
194856	—	Archive	Completed	8243	MASTER-03	SKOLEN FOR LIVET: (KRISTEN BJØRNKJÆ)	17/09/2014 18:23:29	videomaster1			
194855	—	Restore	Completed	8243	MASTER-02		17/09/2014 18:09:32	generic-disk			
194854	—	Restore	Completed	28473	MASTER-01		17/09/2014 17:02:40	generic-disk			
194853	—	Restore	Completed	44264	MASTER-01		17/09/2014 17:02:36	generic-disk			
194852	—	Restore	Completed	40638	MASTER-01		17/09/2014 17:02:32	generic-disk			
194851	—	Restore	Completed	50522	MASTER-01		17/09/2014 17:02:28	generic-disk			
194850	—	Restore	Completed	46598	MASTER-01		17/09/2014 17:02:25	generic-disk			
194849	—	Restore	Completed	13397	MASTER-01		17/09/2014 17:02:21	generic-disk			
194848	—	Restore	Completed	48034	MASTER-01		17/09/2014 17:02:17	generic-disk			
194847	—	Restore	Completed	79707	MASTER-01		17/09/2014 17:02:08	generic-disk			
194846	—	Restore	Completed	54029	MASTER-01		17/09/2014 17:02:03	generic-disk			
194845	—	Restore	Completed	41209	MASTER-01		17/09/2014 17:01:58	generic-disk			
194844	—	Restore	Completed	41965	MASTER-01		17/09/2014 17:01:54	generic-disk			
194843	—	Restore	Completed	64204	MASTER-01		17/09/2014 17:01:49	generic-disk			
194842	—	Restore	Completed	30436	MASTER-01		17/09/2014 17:01:42	generic-disk			
194841	—	Restore	Completed	42246	MASTER-01		17/09/2014 17:01:32	generic-disk			
194840	—	Copy	Completed	42246	MASTER-01		17/09/2014 15:48:08			U00143	
194839	—	Copy	Completed	42246	MASTER-01		17/09/2014 15:48:08			U00155	
194838	—	Copy	Completed	54029	MASTER-01		17/09/2014 15:42:05			U00248	

Configuration Utility - DIVArchive (User: diva, connected to database on 192.168.50.230:1521)

File Tools Help

System Robots Disks Drives Tapes Sets, Groups & Media Mapping DIVAProtect Media Storage Plans Slots Manager Setting Licensing

Prod. Systems

Prod.System Name

DR
MAIN
MIGRATION

Sources and Destinations

Name	Address	Type	Prod. System	Site	Options	Root Path	Throughput	Accesses	Read Accesses	Write Accesses	First Utilization Date	External Checksum Source	Checksum Type	GC Mode	VFA	VFR
AXFCorr		CIFS	MAIN	local				10	10	10	01/10/2012 14:38:41	N			N	N
DCCM		CIFS	MAIN	local				10	10	10	29/08/2012 14:19:18	N			N	N
DCP		CIFS	MAIN	local				10	10	10	02/04/2012 09:41:39	N			N	N
Divaact:192.168.50	LOCAL	MAIN	local					10	10	10	09/04/2014 10:05:16	N			N	N
Divaact:192.168.50	LOCAL	MAIN	local					10	10	10	09/04/2014 10:32:28	N			N	N
Divaact:192.168.50	FTP_ST	DR	local					10	10	10		N			N	N
DIVAdire		CIFS	MAIN	local				2	2	2	27/03/2012 15:34:08	N			N	N
FESTIVA		CIFS	MAIN	local				10	10	10	20/04/2012 09:52:59	N			N	N
FESTIVA		CIFS	MAIN	local				10	10	10	02/07/2014 12:29:15	N			N	N
FESTIVA		CIFS	MAIN	local				10	10	10	24/10/2013 11:07:40	N			N	N
FESTIVA		CIFS	MAIN	local				10	10	10	02/07/2014 17:17:17	N			N	N
FINALM		CIFS	MAIN	local				10	10	10	01/04/2012 20:00:07	N			N	N
generic		DISK	MAIN	local				10	10	10	27/03/2012 14:27:34	N			N	N
HD_MPE		CIFS	MAIN	local				2	2	2	04/07/2014 11:11:41	N			N	N
Lav-Pro		CIFS	MAIN	local				2	2	2	30/03/2012 16:35:12	N			N	N
Lav-Pro		CIFS	MAIN	local				2	2	2	29/03/2012 00:07:02	N			N	N
LOCAL_n/a		CIFS	MAIN	local				2	2	2		N			N	N
LOCAL_n/a		CIFS	MAIN	local				2	2	2	21/05/2014 13:42:34	N			N	N
ProRes_!		CIFS	MAIN	local				10	10	10	28/12/2013 19:55:41	N			N	N
SEND-Tftp.dfi.dk		FTP_ST	MAIN	local				10	10	10	29/03/2012 00:42:50	N			N	N
SEND-T177.94.237		FTP_ST	MAIN	local				10	10	10	23/04/2012 09:34:31	N			N	N
TIL_V:FI		CIFS	MAIN	local				10	10	10	03/04/2012 15:21:20	N			N	N
TIL_MEC		CIFS	MAIN	local				10	10	10	30/03/2012 16:51:48	N			N	N
TIL_MEC		CIFS	MAIN	local				10	10	10	03/04/2012 12:26:37	N			N	N
TIL_ROC		CIFS	MAIN	local				10	10	10	02/12/2012 18:10:36	N			N	N
TIL_ROC		CIFS	MAIN	local				10	10	10	11/08/2014 09:03:13	N			N	N
TRAILER		CIFS	MAIN	local				10	10	10	29/03/2012 13:54:32	N			N	N
TRAILER		CIFS	MAIN	local				5	5	5	22/04/2014 16:53:04	N			N	N
TRAILER		CIFS	MAIN	local				5	5	5	11/05/2014 11:38:30	N			N	N
VIDEO		CIFS	MAIN	local				10	10	10	30/03/2012 09:07:33	N			N	N
VIDEO		CIFS	MAIN	local				5	5	5	08/04/2014 21:07:18	N			N	N
VIDEO		CIFS	MAIN	local				5	5	5	11/04/2014 13:38:45	N			N	N

Sites

Site Name	Site ID	Is main	Comments
local	1	Y	default site

Actors

Name	IP Address	Port	Prod. System	Site	Drive Ops	Server Ops	Disk Ops	Verify Tape	Direct Restore	Cache Restore	Copy To Group	Associative Copy	Repack	Delete	Direct Archive	Cache Archive	First Utilization Date
Divaactor01	192.168.50.235	9900	MIGRATION	local	4	4	4	N	N	N	Y	N	N	Y	N	N	08/04/2014 14:06:15
Divaactor02	192.168.50.236	9900	MAIN	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	08/04/2014 14:07:15
Divaactor03	192.168.50.237	9900	MAIN	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	09/04/2014 12:27:16
Divaactor04	192.168.50.238	9900	DR	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	08/04/2014 14:07:15
Divaactor05	192.168.50.239	9900	DR	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	08/04/2014 14:07:15
Divaactor06	192.168.50.240	9900	DR	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	09/04/2014 14:47:26
Divaactor07	192.168.50.241	9900	DR	local	4	4	4	Y	Y	Y	Y	Y	Y	Y	Y	Y	09/04/2014 14:47:26

Transcoders

Name	Version	Type	Actor	Transcoder Port	Progress Port	WorkDir	ExePath	Simul Transcoders	Queue Size	Performance
Divaactor02	6.2	vantage	Divaactor0.8.676	N/A	N/A	K:\TRANSCODING_AREA	Transcoding\RunTCode.exe	3	6	1
Divaactor03	6.2	vantage	Divaactor0.8.676	N/A	N/A	K:\TRANSCODING_AREA	Transcoding\RunTCode.exe	3	6	1

User: diva, connected to database on 192.168.50.230:1521.

DIVA CONFIGURATION UTILITY

EVERY STORAGEPLAN IS BUILD BY SLOTS

Configuration Utility - DIVArchive (User: diva, connected to database on 192.168.50.230:1521)

File Tools Help

System \ Robots \ Disks \ Drives \ Tapes \ Sets, Groups & Media Mapping \ DIVProtect \ Media \ Storage Plans \ Slots \ Manager Setting \ Licensing

Slots Edit Refresh

Storage Plan Name	Slot Name	Request Type	Slot Begin	Slot End	Req. Execution Begin	Req. Execution End	Priority	Medium Name	Source	Req. Num of Ins	Once Only	Enabled
legacy_SP_DCP	DCP_TAPE2	STORAGE	0	-1	00:00	24:00	30	DCP_BACKUP		1	N	Y
legacy_SP_DCP	DCP_DISK	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	Y	Y
legacy_SP_DCP	DCP_TAPE3	STORAGE	0	-1	00:00	24:00	20	DCP_REMOTE		1	N	Y
legacy_SP_DCP	DCP_TAPE1	STORAGE	0	-1	00:00	24:00	30	DCP		1	N	Y
legacy_SP_FINALMX	FINALMX_DISK	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	Y	Y
legacy_SP_FINALMX	FINALMX_TAPE1	STORAGE	0	-1	00:00	24:00	30	FINALMX		1	N	Y
legacy_SP_FINALMX	FINALMX_TAPE3	STORAGE	0	-1	00:00	24:00	20	FINALMX_REMO		1	N	Y
legacy_SP_FINALMX	FINALMX_TAPE2	STORAGE	0	-1	00:00	24:00	30	FINALMX_BACKL		1	N	Y
legacy_SP_TRAILER_EPK	TRAILEREPK_TAPE1	STORAGE	0	-1	00:00	24:00	30	TRAILER_EPK		1	N	Y
legacy_SP_TRAILER_EPK	TRAILEREPK_DISK	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	Y	Y
legacy_SP_TRAILER_EPK	TRAILEREPK_TAPE3	STORAGE	0	-1	00:00	24:00	20	TRAILER_EPK_REM		1	N	Y
legacy_SP_TRAILER_EPK	TRAILEREPK_TAPE2	STORAGE	0	-1	00:00	24:00	30	TRAILER_EPK_BA		1	N	Y
legacy_SP_VIDEOMASTER	VM_TAPE1	STORAGE	0	-1	00:00	24:00	30	VIDEOMASTER		1	N	Y
legacy_SP_VIDEOMASTER	VM_TAPE2	STORAGE	0	-1	00:00	24:00	30	VIDEOMASTER_B.		1	N	Y
legacy_SP_VIDEOMASTER	VM_TAPE3	STORAGE	0	-1	00:00	24:00	20	VIDEOMASTER_RI		1	N	Y
legacy_SP_VIDEOMASTER	VM_DISK	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	Y	Y
SP.DCDM	DCDM_CACHE_DR	STORAGE	1	480	00:00	24:00	30	CACHE_DR		1	Y	Y
SP.DCDM	DCDM_TAPE2	STORAGE	180	-1	00:00	24:00	20	DCDM_BACKUP		1	N	Y
SP.DCDM	DCDM_TAPE3	STORAGE	360	-1	00:00	24:00	20	DCDM_REMOTE		1	N	Y
SP.DCDM	DCDM_TAPE1	STORAGE	1	-1	00:00	24:00	30	DCDM		1	N	Y
SP.DCP	SP_DCP_TAPE3	STORAGE	60	-1	00:00	24:00	20	DCP_REMOTE		1	N	Y
SP.DCP	SP_DCP_DISK_DR	STORAGE	10	360	00:00	24:00	30	TRAILER_EPK		1	N	Y
SP.DCP	SP_DCP_TAPE1	STORAGE	1	-1	00:00	24:00	30	DCP		1	N	Y
SP.DCP	SP_DCP_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP.DCP	SP_DCP_TAPE2	STORAGE	60	-1	00:00	24:00	30	DCP_BACKUP		1	N	Y
SP_FINALMX	SP_FNMIX_TAPE1	STORAGE	1	-1	00:00	24:00	30	FINALMX		1	N	Y
SP_FINALMX	SP_FNMIX_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_FINALMX	SP_FNMIX_TAPE3	STORAGE	60	-1	00:00	24:00	20	FINALMX_REMO		1	N	Y
SP_FINALMX	SP_FNMIX_TAPE2	STORAGE	60	-1	00:00	24:00	30	FINALMX_BACKL		1	N	Y
SP_FINALMX	SP_FNMIX_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_TRAILER_EPK	SP_TRLR_TAPE3	STORAGE	60	-1	00:00	24:00	20	TRAILER_EPK_REM		1	N	Y
SP_TRAILER_EPK	SP_TRLR_TAPE2	STORAGE	60	-1	00:00	24:00	30	TRAILER_EPK_BA		1	N	Y
SP_TRAILER_EPK	SP_TRLR_TAPE1	STORAGE	1	-1	00:00	24:00	30	TRAILER_EPK		1	N	Y
SP_TRAILER_EPK	SP_TRLR_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_TRAILER_EPK	SP_TRLR_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_TAPE3	STORAGE	60	-1	00:00	24:00	20	TRAILER_EPK_REM		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_TAPE1	STORAGE	1	-1	00:00	24:00	30	TRAILER_EPK		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_TAPE2	STORAGE	60	-1	00:00	24:00	30	TRAILER_EPK_BA		1	N	Y
SP_TRAILER_EPK_16.9	SP_TRLR169_PROXY	RESTORE	1	-1	00:00	24:00	30	DCDM	Lav-Prox1		N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_TAPE3	STORAGE	60	-1	00:00	24:00	20	TRAILER_EPK_REM		1	N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_PROXY	RESTORE	1	-1	00:00	24:00	30	DCDM	Lav-Prox1		N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_TAPE2	STORAGE	60	-1	00:00	24:00	30	TRAILER_EPK_BA		1	N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_TAPE1	STORAGE	1	-1	00:00	24:00	30	TRAILER_EPK		1	N	Y
SP_TRAILER_EPK_4.3	SP_TRLR43_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_VIDEOMASTER	SP_VDMSTR_TAPE3	STORAGE	60	-1	00:00	24:00	20	VIDEOMASTER_RI		1	N	Y
SP_VIDEOMASTER	SP_VDMSTR_TAPE2	STORAGE	60	-1	00:00	24:00	30	VIDEOMASTER_B.		1	N	Y
SP_VIDEOMASTER	SP_VDMSTR_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_VIDEOMASTER	SP_VDMSTR_TAPE1	STORAGE	1	-1	00:00	24:00	30	VIDEOMASTER		1	N	Y
SP_VIDEOMASTER	SP_VDMSTR_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_TAPE1	STORAGE	1	-1	00:00	24:00	30	VIDEOMASTER		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_DISK_DR	STORAGE	10	360	00:00	24:00	30	DIVAgrid_DR		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_TAPE2	STORAGE	60	-1	00:00	24:00	30	VIDEOMASTER_B.		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_TAPE3	STORAGE	60	-1	00:00	24:00	20	VIDEOMASTER_RI		1	N	Y
SP_VIDEOMASTER_PROXY_16.9	SP_VDMSTR169_PROXY	RESTORE	1	-1	00:00	24:00	30	DCDM	Lav-Prox1		N	Y
SP_VIDEOMASTER_PROXY_4.3	SP_VDMSTR43_DISK_MAIN	STORAGE	0	180	00:00	24:00	30	DIVAgrid		1	N	Y
SP_VIDEOMASTER_PROXY_4.3	SP_VDMSTR43_TAPE1	STORAGE	1	-1	00:00	24:00	30	VIDEOMASTER		1	N	Y

User: diva, connected to database on 192.168.50.230:1521.

Configuration Utility - DIVArchive (User: diva, connected to database on 192.168.50.230:1521)

File Tools Help

System \ Robots \ Disks \ Drives \ Tapes \ Sets, Groups & Media Mapping \ DIVAProtect \ Media \ Storage Plans \ Slots \ Manager Setting \ Licensing

Drives

ID	Serial Number	Firmware Version	ACS	LSM	Drive Type	Status	Operations	Used	Internal Name	Installation Date	Last Upgrade Date	Last Cleaning Date
0	57900400722	4.07.106	0	0	61	Online	A	Y	(0, 0, 0)	08/04/2014 10:49:2	08/04/2014 14:06:16	
1	57900400760	4.07.106	0	0	61	Online	A	Y	(0, 0, 0, 1)	08/04/2014 10:49:2	08/04/2014 14:06:16	
2	57900400750	4.07.106	0	0	61	Online	A	Y	(0, 0, 0, 2)	08/04/2014 10:49:2	08/04/2014 14:06:16	
0	HUI3480A9R	J2DS	1	0	59	Online	A	Y	(1, 0, 0, 0)	08/04/2014 10:50:1	08/04/2014 14:06:16	
1	HUI3480AA1	J2DS	1	0	59	Online	A	Y	(1, 0, 0, 1)	08/04/2014 10:50:1	08/04/2014 14:06:16	
2	HUI3480AA6	J2DS	1	0	59	Online	A	Y	(1, 0, 0, 2)	08/04/2014 10:50:1	08/04/2014 14:06:16	
3	HUI3480A9M	J2DS	1	0	59	Online	A	Y	(1, 0, 0, 3)	08/04/2014 10:50:1	08/04/2014 14:06:16	

Drive Properties

Drive Type	Drive Type Id
HP-LT06	59
T1D	61

Actors-Drives

Actor	Drive
Divaactor01	1 (ACS=1, LSM=0)
Divaactor01	2 (ACS=1, LSM=0)
Divaactor01	3 (ACS=1, LSM=0)
Divaactor01	0 (ACS=1, LSM=0)
Divaactor01	1 (ACS=0, LSM=0)
Divaactor01	2 (ACS=0, LSM=0)
Divaactor01	0 (ACS=0, LSM=0)
Divaactor02	0 (ACS=1, LSM=0)
Divaactor02	1 (ACS=1, LSM=0)
Divaactor02	1 (ACS=0, LSM=0)
Divaactor02	0 (ACS=0, LSM=0)
Divaactor02	2 (ACS=0, LSM=0)
Divaactor03	0 (ACS=0, LSM=0)
Divaactor03	2 (ACS=0, LSM=0)
Divaactor03	1 (ACS=0, LSM=0)
Divaactor03	0 (ACS=1, LSM=0)
Divaactor03	1 (ACS=1, LSM=0)
Divaactor04	3 (ACS=1, LSM=0)
Divaactor04	2 (ACS=1, LSM=0)
Divaactor04	0 (ACS=1, LSM=0)
Divaactor04	1 (ACS=1, LSM=0)
Divaactor05	1 (ACS=1, LSM=0)
Divaactor05	0 (ACS=1, LSM=0)
Divaactor05	3 (ACS=1, LSM=0)
Divaactor05	2 (ACS=1, LSM=0)
Divaactor06	0 (ACS=1, LSM=0)
Divaactor06	1 (ACS=1, LSM=0)
Divaactor06	3 (ACS=1, LSM=0)
Divaactor06	2 (ACS=1, LSM=0)
Divaactor07	0 (ACS=1, LSM=0)
Divaactor07	2 (ACS=1, LSM=0)
Divaactor07	3 (ACS=1, LSM=0)
Divaactor07	1 (ACS=1, LSM=0)

User: diva, connected to database on 192.168.50.230:1521.

User: Tommy -
Search:

Queries Active

SuperAdmin (1)

- Public (1)
 - TRAILERS
- SuperAdmin (4)
- The Danish Film Institute (7)

Work Bins Active

Shot Lists Active

Assets

Admin

Queries - SuperAdmin/SuperAdmin/Jacob/Private/TRAILER_UK_PROXY

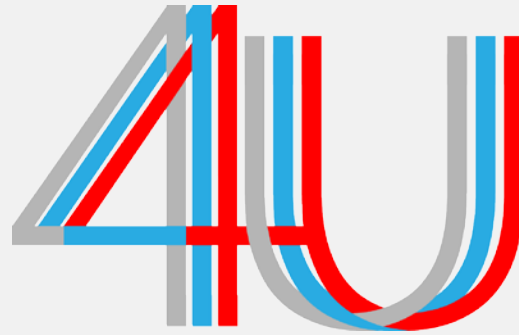
Advanced Save

57501 TRAILER-UK-01 00:01:41:07 4.127.608 KB 10/04/2012 09:57:07 DIVA	59641 TRAILER-UK-02 00:02:00:18 34.737 KB 05/04/2012 22:00:19 DIVA	59641 TRAILER-UK-03 00:02:01:01 2.375.582 KB 17/01/2014 12:15:40 DIVA	61968 TRAILER-UK-01 00:01:58:11 16.966 KB 03/04/2012 08:51:43 DIVA	62882 TRAILER-UK-01 00:01:37:06 739.490 KB 30/03/2012 16:24:12 DIVA	63020 TRAILER-UK-GROUP-01 00:02:58:15 281.679 KB 18/09/2012 13:16:02 DIVA	64200 TRAILER-UK-01 00:01:59:08 12.437 KB 31/03/2012 21:10:07 DIVA	66560 TRAILER-UK-02 00:02:47:05 43.336 KB 08/03/2013 09:09:48 DIVA	66560 TRAILER-UK-01 00:03:01:23 47.259 KB 08/03/2013 09:09:48 DIVA	69823 TRAILER-UK-01 00:01:34:07 88.925 KB 25/04/2012 14:42:40 DIVA	70340 TRAILER-UK-01 00:01:47:00 818.311 KB 21/05/2012 15:27:16 DIVA
70399 TRAILER-UK-01 00:02:54:01 78.638 KB 08/05/2012 11:15:14 DIVA	72050 TRAILER-UK-01 00:01:53:17 38.514 KB 19/06/2013 14:22:20 DIVA	72323 TRAILER-UK-01 00:01:20:00 35.496 KB 23/05/2012 23:43:43 DIVA	73041 TRAILER-UK-01 00:01:59:23 62.185 KB 12/12/2012 16:38:11 DIVA	73359 TRAILER-UK-01 00:01:43:03 83.731 KB 05/03/2013 09:44:11 DIVA	73642 TRAILER-UK-01 00:02:05:06 2.562.066 KB 20/04/2012 18:27:54 DIVA	74245 TRAILER-UK-01 00:01:52:14 2.517.943 KB 12/06/2012 13:12:46 DIVA	74321 TRAILER-UK-GROUP-01 00:01:46:16 84.924 KB 12/06/2012 14:54:39 DIVA	74564 TRAILER-UK-01 00:02:16:09 29.441 KB 11/05/2012 13:02:51 DIVA	74686 TRAILER-UK-01 00:02:02:00 1.697.253 KB 12/12/2012 16:21:40 DIVA	75242 TRAILER-UK-01 00:01:50:01 2.578.715 KB 24/04/2012 08:37:32 DIVA
75502 TRAILER-UK-02 00:02:22:21 3.011.134 KB 11/03/2013 20:50:19 DIVA	75502 TRAILER-UK-01 00:02:21:19 3.011.134 KB 01/10/2012 12:20:18 DIVA	76400 TRAILER-UK-01 00:01:58:20 2.333.993 KB 03/04/2013 09:31:08 DIVA	76460 TRAILER-UK-01 00:02:04:12 135.587 KB 19/02/2013 16:29:46 DIVA	76463 TRAILER-UK-01 00:01:53:21 104.566 KB 03/06/2013 17:28:21 DIVA	76465 TRAILER-UK-01 00:01:41:09 1.893.574 KB 14/03/2013 13:13:43 DIVA	76523 TRAILER-UK-01 00:01:40:07 2.160.531 KB 30/09/2012 14:48:12 DIVA	76639 TRAILER-UK-01 00:02:20:09 2.474.697 KB 14/03/2013 20:13:18 DIVA	76700 TRAILER-UK-01 00:02:46:09 61.429 KB 17/04/2012 17:16:24 DIVA	76704 TRAILER-UK-01 00:02:05:23 1.468.484 KB 03/09/2012 19:13:14 DIVA	77006 TRAILER-UK-01 00:01:54:21 2.288.936 KB 02/04/2013 14:55:35 DIVA
77040 TRAILER-UK-02 00:02:01:17 2.268.555 KB 23/04/2013 10:00:36 DIVA	77040 TRAILER-UK-01 00:02:01:20 761.977 KB 20/01/2013 23:27:44 DIVA	77119 TRAILER-UK-01 00:01:12:02 54.511 KB 08/05/2012 11:28:14 DIVA	77162 TRAILER-UK-01 00:02:05:04 83.028 KB 10/09/2013 23:12:26 DIVA	77203 TRAILER-UK-01 00:02:32:20 346.750 KB 31/07/2013 11:28:07 DIVA	77204 TRAILER-UK-01 00:02:51:22 435.415 KB 22/01/2013 14:53:20 DIVA	77261 TRAILER-UK-01 00:02:05:00 2.497.971 KB 03/05/2013 12:25:18 DIVA	77860 TRAILER-UK-01 00:01:54:13 2.147.104 KB 29/11/2013 07:58:28 DIVA	78403 TRAILER-UK-01 00:00:22:21 5.310 KB 08/03/2013 08:55:16 DIVA	78463 TRAILER-UK-01 00:02:16:19 2.460.618 KB 04/10/2012 14:43:25 DIVA	79472 TRAILER-UK-01 00:01:54:21 77.078 KB 21/02/2013 12:49:19 DIVA
79995 TRAILER-UK-01 00:01:20:20 3.001.572 KB 17/04/2013 14:07:11 DIVA	80072 TRAILER-UK-01 00:02:15:11 187.349 KB 03/06/2013 22:09:51 DIVA	80074 TRAILER-UK-01 00:02:48:19 239.250 KB 03/06/2013 22:01:22 DIVA	80075 TRAILER-UK-01 00:01:33:02 112.223 KB 03/06/2013 22:05:51 DIVA	80076 TRAILER-UK-01 00:01:57:08 176.705 KB 03/06/2013 21:49:21 DIVA	80077 TRAILER-UK-01 00:03:28:15 239.028 KB 03/06/2013 21:54:22 DIVA	80079 TRAILER-UK-01 00:02:43:15 190.278 KB 03/04/2013 17:25:23 DIVA	80168 TRAILER-UK-01 00:02:25:04 2.534.822 KB 15/03/2013 13:14:52 DIVA	80169 TRAILER-UK-02 00:01:55:02 25.485 KB 29/11/2012 23:32:34 DIVA	80169 TRAILER-UK-01 00:01:55:02 2.422.104 KB 29/11/2012 23:33:14 DIVA	80208 TRAILER-UK-02 00:02:04:23 177.813 KB 28/02/2013 11:56:01 DIVA

Items 1 to 55 of 93

- Daily maintenance
- Solid base
- A system we can rely on – Validate and Checksum

- We discovered an increased usage of assets
- We are working on optimizing our workflows
- We wish to have more speed (Network issues)



**THANK YOU
ANY QUESTIONS?**

TOMMY CHRISTIANSEN

TOMMYC@DFI.DK