# Fastrack Pre-Release Notes D Version 4.2

### This document covers changes made to Fastrack since 4.1.x14

Due to the descriptive graphics included, these TechNotes are best displayed and printed in color. Thanks to all who reported the problems that were fixed, and who suggested improvements or new ideas.

#### Added 4.2.x2 - 12/13/05

1. ALL – MultiCam – The INIT Page "Settings" item MultiCam has been changed to add the following optional choices:

nitor (default); 2=	T=one monit	1	NumberOfMonitors		
system in the M	Yes=Puts sy	Auto	MultiCam	Settings	016
f selected chang	6 Only - if s	пNo	LinkGangedTracks	Settings	017
natically turns R	es=Automa	n Yes	Ripple Auto Off	Settings	018
natically turns P	/es=Automa	Auto	Pre-Read Auto Off	Settings	019
na	Yes=Automa	Auto	Pre-Read Auto Off	Settings	019

No: With this Setting item set to No, the MultiCam feature will be turned off.

**Before AutoMulti** 

**Yes:** With this Setting item set to **Yes**, the MultiCam feature will be turned **on**, and will function as described in the Fastrack Manual. The word "MultiCam" will be displayed in the status area of the screen. MultiCam can be assigned to a Shortcut Button.

**Auto:** With this Setting item set to **Auto**, the Multicam feature will be turned **on**. The word "AutoMulti" will be displayed in the status area of the screen. "AutoMulti" can be assigned to a Shortcut Button. When the MultiCam process is ended, all overlaps will be automatically removed.

After AutoMulti



If your Timeline was created using MultiCam, you can remove the overlaps manually by pressing [CTRL][ALT][DEL].

- ALL Swap Pages By request, we have added the ability to swap entire 8 Track pages. Press [CTRL][ALT] and the Page # [1-9] that you wish to swap with the primary Page (0). You must have at least 2 Pages (16 Tracks) for this feature to work.
- 3. **ALL L2D File Path –** By request, we have added the current L2D File Name and Path to the Version Dialog Window.
- 4. **ALL Wipe Dialog –** By request, after a wipe pattern has been selected from the graphic display, the cursor automatically moves to the Transition In field awaiting a transition rate.
- 5. **ALL Quick Speed –** A problem where only the first clip on a Track would respond to a Quick Speed command has been resolved.
- 6. **ALL SeaChange** We have added a new VDCP driver for the SeaChange Video Server. See **TechNote 1** later in this document for additional information.

- VDCP Preview If a VDCP clip was loaded on one Track, and another VDCP clip from the same device was loaded immediately following on another Track, the second VDCP Event would not preview if the CTI was set directly between the two. This problem has been resolved.
- 8. ALL TVICH Two customers have reported the dreaded BSOD (Blue Screen Of Death) in recent software releases. While this is very rare, we did finally encounter our first one in the lab and traced it to the TVICH Application. This is a low-level program that controls the systems Sync Interrupt. We have made corrective changes, but would appreciate if you would report any further occurrences of this in V 4.

## **TECHNOTE 1 – SeaChange VDCP Control Driver**

#### INTRODUCTION

This document describes the connection and setup required for Fastrack to control the SeaChange Video Server with Louth VDCP protocol.

For additional information on Fastrack operations, consult the Fastrack Operations Manual. For additional information on SeaChance Server operations, consult the SeacChange Operations Manual.

- Fastrack software Version 4.1R02 or later required.
- This interface was tested with SeaChange software version 3.0.033. Proper operations cannot be guaranteed with earlier versions of software.

#### CONNECTION

For a new system, when cabling up the various components of SeaChange, be sure to connect BOTH Ethernet cables from the MCL and BML to the switch.

A special cable is required to connect the Fastrack I/O ports to the SeaChange ports.

FAST	RACK	SEACH	ANGE
(Rx -)	2	(Tx -)	7
(Rx+)	7	(Tx+)	2
(Tx+)	3	(Rx+)	4
(Tx -)	8	(Rx -)	8

#### SEACHANGE SETUP

1. Double click the ExdUtil icon on the SeaChange PC window and connect to either Service.



× Extensible	Disk Utility			
Connect	Services   Configurat	ion   Play	/back Re	cord Inventory Archive Status
		Sea	Сн	ANGE
	Node <u>N</u> ame:			
	EWBMLE1 EWMOL1			
	Active Node: Not Conr	ected	10 y 10	<u>R</u> emove Name
EWMCL1	Not Connected 16	5:30:40 PC	NTSC DF	

2. Select the MCL and the Configuration Tab and enable the **VDCP Automation** Protocol.



3. Select the VDCP **Communication Ports** that are to be used. (Ex: COM5, COM6, COM7) and enable **Serial Communication**.

onnect Services Configu	ration	Playback Record	Inventory Archive Status	
EWMCL1	•	Name	Value	T
ArchiveManager     Automation Protocols     AvS     Sony     VDCP     Archive Drives     Communication Ports     COMM Port     COM5     COM6     COM7		Serial Communication Ena	bled Yes	

]

4. Select the VDCP Input Ports and Encoder Binding.

onnect Services Configuratio	on Playback Record In	ventory Archive Status
EWMOL1	Name	Value
ArchiveManager     Automation Protocols     Automation Protocols     AVS     Sony     OVDCP     Archive Drives     Communication Ports     OMM Ports     D.COMM Ports     D.TCP Ports     INPUT_PORT1     D.tout Ports	Encoder Binding	MC_SD_ENCODER1

5. Select the VDCP **Output ports and Decoder Bindings**.

Connect  Services	Configuration	Playback Record Inv	ventory Archive Status
EWMCL1		Name	Value
ArchiveManager     Automation Protoc     Avis     Avis     Sony     VDCP     Archive D     Output Pot     Output     Output	rives sation Ports s vts PUT PORT1	Decoder Binding	MC_SD_DECODER1

6. Select the MediaClientSDDecoderPorts and set the Heads Operating Mode to Mixed Mode.

If you can Play and Stop clips, but not shuttle them, then this item is probably set wrong.

Playback Record Inventory	Archive Status
Name	Value
Convert Multiple Jog Commands into Gc Cue In Zero Based Index DeviceName	No No MC_SD_DECODER1
Heads Operating Mode Number of frames in jog request before Output Device Cache Path	Mixed Mode 2 \\edit_n0_f0a\vstrm
	Playback         Record         Inventory           Name         Convert Multiple Jog Commands into Gr         Cue In Zero Based Index           DeviceName         Heads Operating Mode         Number of frames in jog request before           Output Device Cache Path         Output Device Cache Path

7. Finally, set the port for the **MediaClientSDEncoderPorts.** 

Connect   Services Configu	ration	Playback	Record	Inventory	Archive	Status
ComPorts DecoderPorts EncoderPorts GenesisHDPorts LoggerSettings MedicDientHDDecoderPorts MedicDientSDDecoderPorts Mc_SD_DECODER1 MC_SD_DECODER2 MedicDientSDEncoderPorts Devices - Mc_SD_ENCODER3 Devices - Mc_SD_ENCODER3		Name AutoArchive AutoArchivel CurrentSettin DeviceName Input Device Input VIX De Port Number PreviewDevi PreviewDevi	file before er gnoreTimeD gs Cache Path vice Cache cebnabled ceName	ncoding is corr eleyFiles Path	Value 0 No Yes User4 MC_SD_E1 (\edit_n0_ (\edit_n0_ No	NCODER1 (Oe\vstrm fOf\vstrm

### FASTRACK SETUP

# 8. On Fastrack, press [SHIFT][ASGN] and assign the ports using Class = VDCP\_D and Device = Seachange.

For ports that are Decoders (Players), the Device Name must contain the digit corresponding to the VDCP port to be controlled. In the example below, **SChange1**.

For ports that are Encoders (Recorders), the Device Name must contain the digit corresponding to the VDCP port to be controlled preceded by a minus (-). In the example below, **SChange Rec-1**.

Track	0-	Davidea Marrie	Class	Devidere	A	Deat	Deal	V-Switc	her
	Un	Device Name	Class	Device	Auto	Port	Pool	Video	Sta
1	x	SChange Rec-1	VDCP_D	SeaChange		P1	dd	1	
2	X	SChange1	VDCP_D	SeaChange		P2	dd	2	
3	x	SChange2	VDCP_D	SeaChange		P3	dd	3	
4	x	Deko	CHARGEN	Deko		none		5	

Note: If the SeaChange stops responding, first try rebooting the MCL.