A-TRACK Release 2.2 - Screenshots

Following several less-than-successful attempts to capture and convert live video from a real Atari 800XL, the following screen views were generated using the Atari XL/XE emulator Atari800Win (version 2.6c) developed by Richard Lawrence, running under Windows 2000.

1 Initial Load

This banner is shown when ATRACK.COM is run (see Section 4.1 of the User Guide), and the A-TRACK program is loading –



Once loading is complete, the initial version of the List Screen is displayed, still showing the A-TRACK banner and offering to load the demonstration Item List, ATRKDEMO.ITL –



2 List Screen

Rather than follow the demonstration sequence described in Section 4.2 of the User Guide, the Item List filename is changed here to REALITEM.ITL –



and a real Item List is loaded. The List Screen below (User Guide Section 5) shows the state after answering the initial program prompts, with no Items under active control. Note that the mouse cursor arrow is absent since the emulator does not support real joystick ports, and A-TRACK does not, therefore, detect any mouse connected –

A-TRACK	: Digital Соммаnd Control 2.2E
A D5% L1	234 T Ad Description 001 Cot
-00	L5310 DH84FXMcA BR Class 26
-00	L-014 DH84CAC Santa Fe GP50
-00	L-019 Digitrax DH83F Walker
	L-085 Wangrow DH-155 DMcA
-00	L-033 ZTC-202 Decoder #1
	L-012 ZTC202 #2 BR_Class 08
-00	L-018 DZ120 Gandy Dancer L9420 DH121 BR 0-6-0 Tank
-00	L9420 DH121 BR 0-6-0 Tank
-00	C-066 Trial Consist L9793 DH142 250-Ton Crane
-00	L0464 DN140 GE44 Switcher
-00	L2011 DN142 DRGW Shay
-00	L2917 DN142 DRGW 2-6-0Mogul
-00	L2014 DH121 Westside Shay
-00	L0060 DZ121 CP 4-4-0 Amr'cn L4301 DZ121 0-6-0 SaddleTank
-00 -00	L4301 DZ121 0-6-0 SaddleTank L-003 * Blank CVs *
-00	A-260 Wangrow 5M-104
	H-200 Mangi OM 3M-104
Status:	OK - 00 Commands Active

3 Control Screen

Scrolling down to select Item 13, the DRGW 2-6-0 Mogul fitted with a Digitrax DN142 decoder –

A-TRACK :	Digital Command Control 2.2E
A D5% L123 -00	
-00	L-014 DH84CAC Santa Fe GP50
	L-019 Digitrax DH83F Walker
	L-085 Wangrow DH-155 DMcA L-033 ZTC-202 Decoder #1
-00	L-012 ZTC202 #2 BR Class 08
-00 -00	L-018 DZ120 Gandy Dancer L9420 DH121 BR 0-6-0 Tank
-00	C-066 Trial Consist
-00	L9793 DH142 250-Ton Crane
-00 -00	L0464 DN140 GE44 Switcher L2011 DN142 DRGW Shay
-00	L2917 DN142 DRGW 2-6-0Mogul
-00 -00	L2014 DH121 Westside Shay L0060 DZ121 CP 4-4-0 Amr'cn
-00	L4301 DZ121 0-6-0 SaddleTank
-00	L-003 * Blank CVs * A-260 Wangrow SM-104
	А-260 Wangrow SM-104
Status: OK	- 00 Commands Active

- and hitting Return, displays the Control Screen (User Guide Section 6). This is shown below after the locomotive has been assigned to be controlled from Base (the Atari console), has had its headlight switched on (FL), and has been accelerated to 48% of full speed (F48) by clicking on U2 several times -

A-TRACK : D	igital Сомма	nd Control 2.2E
Assignment	Speed	Function 013 Cot
None Ø Base	0 U6 +32 0 U5 +16	🖸 FL
	0 04 +8	日間」
H1 Rd H2 Ye	5 U3 +4 5 U2 +2	
H3 Gn H4 BU	0 U1 +1 0 Stop	F4 F5 F5
H5 Vi H6 Gy		
Н7 ЙЙ Н8 ВК	03-4	li Fê J
	05 -16	P028
[] Cnst	0 06 -32	9 P128
	A	
		F48
Status: OK -	04 Commands	Active

Again, a mouse cursor would normally be visible and, if a Handheld Controller Network had been connected to Joystick Port 2 (and detected by A-TRACK), it would also be possible to assign the locomotive to one of the Handheld Controllers (H1 to H8).

4 List Screen with Active Item

Pressing the ESC key on the Control Screen returns to the List Screen, now showing the active state of Item 13 (assigned to Base, travelling Forward at 48%, Headlight on) -

A-TRACK :	Digital Command Control 2.2E
A DS% L123	
-00	L5310 DH84FXMcA BR Class 26 L-014 DH84CAC Santa Fe GP50
	L-014 DH84CAC Santa Fe GP50
	L-019 Digitrax DH83F Walker
	L-085 Wangrow DH-155 DMcA
	L-033 ZTC-202 Decoder #1
	L-012 ZTC202 #2 BR_Class 08
	L-018 DZ120 Gandy Dancer
-00	L9420 DH121 BR 0-6-0 Tank
-00	C-066 Trial Consist
	L9793 DH142 250-Ton Crane
-00	L0464 DN140 GE44 Switcher
-00	L2011 DN142 DRGW Shay
B F48 *	L2917 DN142 DRGW 2-6-0Mogul
-00	L2014 DH121 Westside Shay
-00	L0060 DZ121 CP 4-4-0 AMP'CD
	L4301 DZ121 0-6-0 SaddleTank
-00	L-003 * Blank CVs *
	A-260 Wangrow SM-104
Status: OK	- Øk Commands Active
Status: OK	- 04 Commands Active

Moving the screen cursor right to highlight the Item Description -

A-TRACK :	Digital Command Control 2.2E
-00 -00 -00 -00 -00 -00 -00 -00 -00	L5310 DH84FXMCA BR Class 26 L-014 DH84CAC Santa Fe GP50 L-019 Digitrax DH83F Walker L-085 Wangrow DH-155 DMcA L-033 ZTC-202 Decoder #1 L-012 ZTC202 #2 BR Class 08 L-018 DZ120 Gandy Dancer L9420 DH121 BR 0-6-0 Tank C-066 Trial Consist L9793 DH142 250-Ton Crane
-00 B F48 * -00 -00 -00	L0464 DN140 GE44 Switcher L2011 DN142 DRGM Shay 2917 DN142 DRGM 2-6-0M0901 L2014 DH121 Westside Shay L0060 DZ121 CP 4-4-0 Amr'cn L4301 DZ121 0-6-0 SaddleTank L-003 * Blank CVs * A-260 Wangrow SM-104
Status: OK	- 04 Commands Active

- and hitting Return, should bring up the Program/Verify Screen. However, since there is an Item under active control, A-TRACK will not permit any editing of Item Configuration Variables, and an error message is displayed as shown below –

A-TRACK	: Digital Соммаnd Control 2.2E
A D5% L12	234 T Ad Description 013 Cot
-00	
	L5310 DH84FXMcA BR Class 26 L-014 DH84CAC Santa Fe GP50
	L-019 Digitrax DH83F Walker
	L-085 Wangrow DH-155 DMcA
	L-033 ZTC-202 Decoder #1
	L-012 ZTC202 #2 BR_Class 08
	L-018 DZ120 Gandy Dancer
	L9420 DH121 BR 0-6-0 Tank
-00	C-066 Trial Consist
	L9793 DH142 250-Ton Crane
-00	L0464 DN140 GE44 Switcher
	L2011 DN142 DRGW Shay
B F48 *	
-00	L2014 DH121 Westside Shay
-00	L0060 DZ121 CP 4-4-0 Amr ⁺ cn L4301 DZ121 0-6-0 SaddleTank
-00	
	A-260 Wangrow SM-104
Commands	Active - Cannot Alter Item/Mode

The error message is cleared by hitting ESC, then the active locomotive is stopped and de-assigned using the Control Screen, before returning to the List Screen to try selection of the item again for Program/Verify operations -

A-TRACK :	Digital Command Control 2.2E
A D5% L123	4 T Ad Description 013 Cot
-00	L5310 DH84FXMcA BR Class 26
-00	L-014 DH84CAC Santa Fe GP50
-00	L-019 Digitrax DH83F Walker
-00	L-085 Wangrow DH-155 DMcA
-00	L-033 ZTC-202 Decoder #1
	L-012 ZTC202 #2 BR Class 08
-00	
-00	L9420 DH121 BR 0-6-0 Tank
-00	
-00	L9793 DH142 250-Ton Crane
-00	L0464 DN140 GE44 Switcher
-00	L2011 DN142 DRGW Shay
-00	L2917 DN142 DRGW 2-6-0Mogul
-00	L2014 DH121 Westside Shay
-00	
-00	L4301 DZ121 0-6-0 SaddleTank
-00	
	А-260 Wangrow SM-104
Status: OK	- 00 Commands Active

5 Program/Verify Screen

Pressing Return with an Item Description highlighted leads, after answering the series of prompts described in Section 7 of the User Guide, to the Program/Verify Screen –

A-TRACI	K : Di	gital (Соммало	4 Contr	·ol 2.2	2E
Config	g Vari	ables:	Number	Valu∉	9 013 F	PO†
15-00	17-CB 19-00 109-00 221-00 2220-00 222-00 222-00 2220-00 2220-00 2220-00 2220-00 2220-00 2220-00 2220-00 2220-00 2220-00 2200-000 2200-000 2200-000 2200-000 200-000 200-000 200-000 200-000 200-000 200-000 200-000 200-000 200-000 200-000 2000-000 2000-000 2000-000 2000-000 2000-000 2000-000 2000-000 2000-000 2000-00000000	46-00	49-00 51-00 52-00 552-00 555-80 556-00 557-00 500-0000000000	77-98 78-A2 79-AC	82-CC 83-CC 834-D2 85-DE 85-DE 85-EC 889-EC 991-F4 991-F4 932-FC 991-FF 991-FF 991-FF 991-FF 991-FF	
16-00	32-00	48-00	64-80	80-84	96-00	
Loco	N N	ON142 [JKGM 2-	-o-ømoy	JOI - 7	
Exten	ded Ad	dress				

This screen lists the values of all of the Configuration Variables associated with the DCC decoder fitted in the selected Item. As each CV number-value is highlighted by use of the cursor keys, or mouse click (or by typing the number), a description of that CV is displayed on the screen Status Row, as shown above and in the following two screen shots -

A-TRACH	: Digita	аl Соммапо	d Control	2.2E
Config	Variable	s: Number	r-Value Ø	13 Pot
02-00 03-00 05-00 05-80 05-80 05-80 05-80 05-80 10-00 10-00 10-00 10-00 10-00 10-00 10-00 10-00 10-00 10-00 10-00	17-CB 33- 18-65 34- 19-00 35- 20-00 36- 21-00 37- 22-00 38- 23-00 40- 23-00 40- 25-00 41- 26-00 43- 26-00 43- 26-00 43- 28-00 44- 28-00 44- 28-00 44- 28-00 44- 28-00 44-	-00 50-00 -00 51-00 -00 52-00 -00 53-00 -00 55-80 -00 55-80 -00 57-00 -00 57-00 -00 57-00 -00 57-00 -00 58-00 -00 58-00	66-00 82 67-10 83 68-20 85 69-30 85 70-40 85 71-4E 87 72-5C 889 74-76 90 75-82 91 75-82 91 77-98 93 78-82 94	-F4 -F8 -FC
15-00 16-00	31-00 47- 32-00 48-			-00
Loco	(DN1 4	2 DRGW 2	-6-0Mogu1	>
Config	Data #1			

The CV29 value selected above represents the key operating characteristics of the decoder, and must be set, together with a unique Primary Address in CV01, before

attempting to program any subsidiary values such as the Speed Table (CV67 to CV94) as shown below –

A-TRACH	(: Digital Command Control 2.2E
Config	g Variables: Number-Value 013 Pot
02-00 03-00 05-00 06-F8 08-00 08-00 08-00 10-00 10-00 11-00	
15-00	31-00 47-00 63-00 79-AC 95-00
	32-00 48-00 64-80 80-84 96-00
Loco	<pre></pre>
Speed	Table 08

The CV value highlighted can then be edited by hitting Return (or double clicking it) as described in the User Guide Section 7.2.

6 Menu

Access to the A-TRACK Function and Operation Menu is by pressing the Atari (Inverse) key, giving the result shown below –

Tile New	Edit Load	CMNd Save	Quit Dir	Config
A D5% L	1234 T Ad		·iption	001 Cot
-00	L5310		XMCA BR	
-00	L-01		AC Santa	
-00	L-01			
-00	L-08			
-00	L-033 L-013		202 Decod 32 #2 BR	er #1 Class 08
-00 -00	L-01			
-00	L9420			0 Tank
-00	C-06			
-00	L9793			
-00	L046			
-00	L201:	1 DN142	2 DRGW Sh	ay
-00	L291	7 DN142	2 DRGW 2-	6-0Mogul
-00	L201			
-00	L006(
-00	L430:			addleTank
-00	L-003		ink CVs *	
	A-260	ð Wangr	юм 5М-10	4
Status:	<u> 0k - 00 (</u>	Соммалс	ls Active	

- where the File Menu is highlighted on the top row of the screen, with its constituent functions displayed on the second row. Details of all the Menu operations can be found in Section 8 of the User Guide. Pressing Return or the 'F' key brings the second-row

functions on to the top screen row where they can be selected as required either by moving the highlight cursor to them and hitting Return, by using the mouse, or by typing their initial letter. Activating the **Dir** function and accepting the default path of D1:*.*, by hitting Return again, results in the following screen display -

A-TRACK :	Digi	tal Com	имала	Cont	rol 2.2	2E
A D5% L1234	• T A	d Desc	ripti	ion	001 0	ot
		RACK22				
Directory	y: MA	TN				
X32D RD	DOS	12890 1799			2:10p 10:06a	
STARTUP	BAT	27	12-07	-99	2:00a	
ATRACK	COM				2:21a 2:21a	
ATRACK	FNT		12-12	2-97	9:00a 9:00a	
ATRKDEMO	ITL	4704	12-07	-99	2:00a	
	ITL REE SI	3936 ECTORS	12-24	-04	10:16a	
Path>D1:*.*	ŧ					

- showing the contents of the loaded disk image ATRK22SD.ATS (SpartaDOS 3.2).