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SOFTWARE and HARDWARE
SOURCEBOOK

SYSTEM SUMMARIES
ARCADIAN NEWSLETTER
THE BASIC EXPRESS NEWSLETTER
SOFTWARE SOURCES
HARDWARE SOURCES
DEALERS
SERVICE
TUTORIAL AVAILABILITY
MANUALS
USER GROUPS

A compilation of known sources of Software and Hardware
Products for the BALLY/ASTROVISION ARCADE.

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BALLY Professional ARCADE SOFTWARE and HARDWARE SOURCEBOOK

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It is extremely important to fill out the information on the type of computer you have as this is the only way a supplier will know in what format to send your order.

This Sourcebook of software programs and hardware items is a compilation of information gathered from the ARCADIAN, THE BASIC EXPRESS, software authors, hardware builders, and various other sources. I wish to thank C. J. Anderson for pointing out the TRS-80 Sourcebook to me; Bob Fabris, editor of the ARCADIAN and Fred Cornett, editor of THE BASIC EXPRESS for printing the ad in their publications and also for their continuing support of the BALLY.

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If you are a source of software programs and/or hardware items please contact Richard Houser at (415) 449-8493 between 4:30 and 9:00 PM PST for further information on how to get included in the SOURCEBOOK.

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This SOURCEBOOK belongs to:

My ARCADE'S Model Number is _____

Serial Number is _____

The BALLY/ASTROVISION SYSTEMS

BALLY Professional ARCADE (by BALLY and ASTROVISION)

This was the original unit sold starting in 1979 and sold through late 1981. This unit was sold in many forms, but to be able to write and store programs you had to have the additional BALLY BASIC cartridge and the external audio cassette interface module. The unit originally sold for about \$ 300.00 with four joysticks. The BALLY BASIC cartridge cost an additional \$ 55.00 and the audio cassette interface an additional \$ 55.00. This unit was plagued by many heat related failures and many units were exchanged under warranty.

Programs or Hardware that require use of the original 300 baud BALLY BASIC will be coded with a BB in the "Equipment Required" column of this SOURCEBOOK.

This unit is now in the process of being replaced by the BALLY Professional ARCADE Plus discussed below.

BALLY Professional ARCADE Plus (by ASTROVISION)

This unit is expected to be sold starting in late 1981. This will include the ASTROVISION BASIC cartridge with built-in 2000 baud cassette interface. The price for this unit with the ASTROVISION BASIC cartridge and two joysticks is expected to be about \$ 300.00. The main circuit board has also been completely redesigned to solve all the overheating problems which plagued the original unit. The new ASTROVISION BASIC cartridge allows programs to be stored and retrieved from a cassette recorder 14 times as fast as the old BALLY BASIC. The new ASTROVISION BASIC will require some changes in programs that were written in the old BALLY BASIC. These are minor changes however, and a program or a tutorial will be available to tell you how to make these changes. When you order programs from this SOURCEBOOK it is important for you to tell the supplier what unit you have. Fill in that information on the enclosed order blanks. Most programs at this time are written for the old BALLY BASIC but as the new ASTROVISION BASIC cartridges become available the suppliers will have the programs available in ASTROVISION BASIC. (AB)

Programs or Hardware that require use of the new 2000 baud ASTROVISION BASIC will be coded with a AB in the "Equipment Required" column of this SOURCEBOOK.

ZGRASS-32 Keyboard (by ASTROVISION)

The ZGRASS-32 Keyboard is expected to be available in early October. The Keyboard will fit under the BALLY Professional ARCADES and give the user the following features:

- 32K Ram Memory included
- 32K Ram expandability internally
- 16K Rom included
- Plug-in Rom capability
- Floppy Disc expansion capability
- RS-232 Input/Output Interface included
- Two languages--ASTROVISION BASIC and ZGRASS
- 100 x 100 pixel screen resolution
- 255 color choices
- Broadcast Quality Video
- Extended Precision Math Package
- Dual Audio Cassette Jacks with motor control

Programs or Hardware that require use of the ZGRASS unit will be coded with a ZG in the "Equipment Required" column of future SOURCEBOOKS.

Other ADD-ON SYSTEMS AVAILABLE

BLUE RAM SYSTEMS (by Perkins Engineering)

The Blue Ram System was introduced in June of 1980 and includes the following items:

- Blue Ram
- Blue Ram Keyboard
- Blue Ram Modem Adaptor
- Blue Ram BSR Controller
- Blue Ram Operating System

See the Hardware Listings for more information on these items.

Programs or Hardware that require use of the Blue Ram System will be coded with a BR in the "Equipment Required" column of this SOURCEBOOK.

Hi-Rez Add-in was introduced in April 1981. It uses 39 additional chips to exploit the high resolution capability of the BALLY custom chips.

See the Hardware Listings for more information on these items.

Programs or Hardware that require use of the Hi-Rez Add-in will be coded with a HR in the "Equipment Required" column of this SOURCEBOOK.

VIPER SYSTEMS (by Alternative Engineering)

The VIPER System was introduced in April 1981 and includes the following items:

- VIPER System One
- VIPER System Five (5 slot motherboard)
- VIPER System Ten (10 slot motherboard)
- VIPER System Keyboard
- VIPER Ram Card
- VIPER Interface Card

See the Hardware Listings for more information on these items.

Programs or Hardware that require use of the VIPER System will be coded with a VS in the "Equipment Required" column of this SOURCEBOOK.

Extended BASIC (by the ARCADIAN)

This extended BASIC will be available as a ROM cartridge for use with the Blue Ram System and as a 8K tape for use with the VIPER System. Programs should be generally compatible between systems except for some Input/Output routines.

See the Hardware Listings for more information on this item.

Programs or Hardware that require use of the the Extended BASIC will be coded with a XB in the "Equipment Required" column of this SOURCEBOOK.

Alphabetized Program Listings

Program Name	Type	# players	Source	Section
Air Raid	Game, War	1p	BB LMS	G 4
Alarm Clock	Time		BB CUR	F 3
Alchemisymmetrical	Graphics		BB ARC	E 9
Amazed in Space	Game, Maze	1p	BB ARC	E 3
Amortization	Business		BB WWS	G 20
Apple-BALLY Software Interface	Utility		BB, Apple BW	G 1
Arcade Dice	Games, Board & Casino		BB ARC	E 4
ARCADE Golf	Game, Sport	1-4p	BB-4J CUR	F 3
ARCADIAN Sampler	Graphics		BB ARC	E 6
Artillery Duel	Game, War	2p	BB ARC	E 7
Atom Smasher	Game, Strategy	2p	BB LMS	G 4
Attack	Game, Chase	1p	BB ARC	E 4
Ayatollah Dart Board	Game, Skill	1p	BB LMS	G 4
Bach's 15 Two Part Inventions	Music, 3 voice		BB GM	G 3
Backgammon	Game, Board	1p	BB AB WM	G 17
Bagels	Game, Logic	1p	BB ARC	E 5
Bally Football	Game, Sport	1p	BB SS	G 13
Bally Slot	Game, Casino	1p	BB SS	G 14
BALLY Blackbox	Game, Board	1-4p	BB SW	G 12
BALLY Nuclear Power Plant	Game, Simulation		BB WWS	G 21
BALLY 500	Game, Skill	2-3p	BB ARC	E 10
Bangman	Game, Word	1p	BB ARC	E 3
Barracade	Game, Skill	1p	BB SS	G 14
Base Conversion	Utility		BB ARC	E 8
Beatles Quiz	Educational	1p	BB SS	G 13
BIBLE Quiz	Educational	2p	BB ARC	E 6
Bingo	Game, Board	1p	BB ARC	E 6
Biorhythm	Personal		BB MSK	G 7
Biorhythm Compatability	Personal	1-2p	BB CUR	F 4
Biorhythm I	Personal	1p	BB ARC	E 4
Biorhythm II	Personal		BB ARC	E 6
Biorhythms	Personal		BB RT	G 9
Biorhythms	Personal		BB WWS	G 19
Bio-rhythm	Personal		BB TBE	G 15
Blackbox	Game, Logic	1p	BB ARC	E 3
Black Hole	Game, Space	1p	BB ARC	E 6
Blackjack	Game, Casino	1p	BB MSK	G 7
Block Buster	Game, Skill	1p	BB WWS	G 20
Bombardier	Game, War	1p	BB LMS	G 4
Bombardment	Game, War	1p	BB MSK	G 7
Bomb Squad	Game, Logic	1p	BB EL	G 2
BOTS	Game, Chase	1p	BB ARC	E 8
Bowl a Rama	Game, Sport	2p	BB ARC	E 6
Bowling	Game, Sport	1p	BB WWS	G 20
Brain Buster	Game, Logic	1p	BB WWS	G 20
Bubble Sort	Math		BB CUR	F 2
Buddhas Boggler	Game, Puzzle	1p	BB WWS	G 21
Bullseye	Game, Skill	1-20p	BB MSK	G 7
Calendar	Time		BB WWS	G 19
Camel	Game, Logic	1p	BB CUR	F 2
Cash Register	Game, Educational	1p	BB RT	G 9
Character Set Size Multiplier	Graphics		BB CUR	F 2
Chase	Game, Chase	1p	BB MSK	G 7

Alphabetized Program Listings

Program Name	Type	# players	Source	Section
Checkbook Balancer & Compound Interest	Personal, Business		WWS	G 20
Checkers	Game, Board	1p	WWS	G 20
Checkers I	Game, Board	1p	ARC	E 2
Checkers II	Game, Board	1p	ARC	E 4
Chessette	Game, Board	1-2p	CUR	F 4
Chicago Loop	Graphics		CUR	F 2
Christmas Music	Music, 3 voice		GH	G 3
Circle Plotter	Graphics		ARC	E 9
Circles	Graphics		ARC	E 10
Clock	Time		ARC	E 2
Clock	Time		WWS	G 21
Clue	Game, Logic	1-6p	WM	G 16
Code	Educational		ARC	E 7
Code Breaker	Game, Logic	1p	WWS	G 21
Color Chart	Graphics		ARC	E 9
Computer Art	Graphics		WWS	G 21
Compound Interest	Business		ARC	E 11
Concentration	Game, Logic	2-4p	WWS	G 19
Connect Four	Game, Logic	1-2p	CUR	F 4
Connect Four I	Game, Logic	2p	ARC	E 6
Connect Four II	Game, Logic	1-2p	ARC	E 8
Connect-the-Dots	Graphics, Game	1p	TBE	F 6
Cosmic Zap	Game, Space	1p	SS	G 14
Count the Dots	Game, Skill	1p	ARC	E 8
Coyote-Roadrunner Race	Game, Skill	2p	LMS	G 4
Crazy Ball	Game, Skill	1p	LMS	G 4
Crazy Face	Game, Graphics	1p	SW	G 12
Critter	Graphics		CUR	F 4
Cylon Raiders	Game, Space	1p	WWS	G 20
Darts	Game, Simulation	1-4p	TBE	F 5
Day of the Week & Calendar	Time		ARC	E 9
Defuse	Game, Hunt	1p	ARC	E 10
Digital Couch	Game, Personal	1p	ARC	E 10
Distance Between Two Points	Math		ARC	E 3
Dog Races	Game, Sport	1-4p	SS	G 14
Down the Trench	Game, Space	1p	SC	G 11
Dungeons and Dragons	Game Aid		RT	G 10
Electric Bill Analysis	Business		CUR	F 2
Electronic Visualization Center	Graphics		ARC	E 5
Enhanced Lunar Lander	Game, Simulation	1p	WWS	G 21
Exec. Time Card Calc.	Business		CUR	F 5
Flight Simulator	Game, Simulation	1p	WWS	G 19
Floating Point Math	Math		CUR	F 3
Flying Ace	Game, War	1-2p	WM	G 16
Football Predictor	Personal		RT	G 9
Fox and Hounds	Game, Board	1p	EL	G 2
Fox and Hounds	Game, Board	1p	TBE	F 5
Frequencies	Sound		ARC	E 3
Galactibattle	Game, Space	1p	CUR	F 3
Galactic War 2002	Game, Space	1p	LMS	G 4
Game of Life	Simulation		WWS	G 19
Golf	Game, Sport	1-4p	BB-4J	E 9
Grandfather Clock	Time, Graphics		ARC	E 9

Alphabetized Program Listings

Program Name	Type	# players	Source	Section
Graphics Assembler	Graphics, Utility	BB	ARC	E 8
Graphics Demo	Graphics Utility	BB	ARD	G 1
Guided Missile	Game, Space 1p	BB	SS	G 14
Guitar Course	Educational, Music	BB	WM	G 17
Halloween Ghost	Graphics	BB	ARC	E 8
Hamurabi	Game, Economic 1p	BB	ARC	E 5
Hamurabi	Game, Economic 1p	BB	CUR	F 5
Hangman	Game, Word 1-2p	BB	WWS	G 19
Hangman I	Game, Word 2p	BB	ARC	E 4
Hello Dolly	Music	BB	ARC	E 5
Hex to Decimal	Utility	BB	ARC	E 2
Hidden Word Finder	Game, Word 1p	BB	SW	G 12
Hit the Pedestrian	Game, Skill 1p	BB	SC	G 11
Horse Race	Game, Sport 1-4p	BB	ARC	E 8
Horse Race	Game, Sport 1-4p	BB	WM	G 16
Horserace	Game, Sport 1-4p	BB	ARC	E 9
Hurkle	Game, Hunt 1p	BB	RT	G 9
Hustle	Game, Skill 1p	BB	SS	G 14
Inspector Clew-So	Game, Logic 1p	BB	WWS	G 21
Interrupt Routine	Utility	BB	ARC	E 8
Jukebox	Music	BB	WWS	G 21
Keno	Game, Casino 1p	BB	WWS	G 21
Kill the Vulcan	Game, Space 1p	BB	LMS	G 5
Klinton Capture	Game, Space 1p	BB	RT	G 9
Lazer Blazer	Game, Space 1p	BB	WWS	G 20
Life	Simulation	BB	MSK	G 7
LIFE IV.2	Simulation	BB	MG	G 8
Life Synthesis Model	Simulation	BB	CUR	F 2
Lion Country	Game, Hunt 1-4p	BB	RT	G 9
Logo	Graphics	BB	ARC	E 4
Lunar Lander	Game, Simulation 1p	BB	RT	G 9
Mastermind	Game, Logic 1p	BB	ARC	E 7
Mastermind	Game, Logic 1p	BB	WWS	G 19
Mastermind II	Game, Logic 1p	BB	ARC	E 9
Match	Game, Board 1-2p	BB	TBE	F 5
Math Routines	Math	BB	SC	G 11
Math Quiz	Game, Math 1p	BB	CUR	F 4
Math Quiz	Game, Math 1p	BB	WWS	G 19
MAX	Game, Skill 1p	BB	WM	G 16
Maze Race	Game, Maze 2p	BB	WM	G 16
Maze-A-Matic	Game, Maze 1p	BB	SS	G 13
Memory Contents-Binary	Utility	BB	ARC	E 2
Memory Contents-Hex	Utility	BB	ARC	E 2
Memory Display	Utility	BB	ARC	E 3
Memory Doodle	Graphics	BB	ARC	E 10
Memory Maze	Game, Maze 1-2p	BB	SW	G 12
MENSA Test	Educational	BB	WWS	G 20
Metric Converter	Math	BB	CUR	F 5
Microtrek	Game, Space 1p	BB	ARC	E 4
Mini Golf	Game, Sport 1-4p	BB	EL	G 2
Mission Impossible	Game, Skill 1p	BB	LMS	G 5
Monthly Loan Program	Business	BB	ARC	E 5
Moon Landing	Game, Simulation 1p	BB	TBE	G 15
Morse Code	Educational	BB	ARC	E 7
Morse Code Simulator	Educational	BB	CUR	F 5

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Section C 4

Alphabetized Program Listings

Program Name	Type	# players		Source	Section
Mouse in the Hat	Game, Logic	1p	BB	WM	G 17
Munch	Game, Logic	1p	BB	SC	G 11
Music Composer	Music		BB	WM	G 17
Musical Staff	Music		BB	ARC	E 9
Music (3 Voice)	Music, 3 voice		BB	ARC	E 7
Mystery Maze	Game, Maze	1p	BB	SS	G 14
Name and Nicomachus	Game, Number	1p	BB	ARC	E 7
Nim	Game, Logic	1-2p	BB	ARC	E 11
Note Match	Game, Music	1p	BB	CUR	F 4
Note Match	Game, Music	1p	BB	WM	G 17
Number Match	Game, Number	1p	BB	ARC	E 5
Nuts-0	Game, Skill	1p	BB	SS	G 14
Obstacle Course	Game, Maze	1p	BB	WM	G 16
Old Bent Nose	Game, Board	2p	BB	ARC	E 11
Old Glory	Graphics, Music		BB	TBE	F 6
Ones and Fives	Game, Dice	1-4p	BB-4J	CUR	F 5
Orbital Docking Simulator	Game, Simulation	1p	BB	RT	G 9
Othello	Game, Logic	1p	BB	CUR	F 3
Othello	Game, Logic	1-2p	BB	WWS	G 19
O-Jello	Game, Logic	1p	BB	ARC	E 6
Pack Rat	Game, Skill	1p	BB,AB	WM	G 18
Perversion	Game, Logic	1-6p	BB	WM	G 17
Phantom Star Fighters	Game, Maze	2p	BB	LMS	G 5
Plastic Puzzle	Game, Puzzle	1p	BB	CUR	F 2
Pocket Puzzle	Game, Puzzle	1p	BB	WWS	G 20
Pool	Game, Sport	1p	BB	ARC	E 11
Popeye the Sailor	Music		BB	ARC	E 5
Random Art	Graphics		BB	ARC	E 2
Rescue Air Drop	Game, Skill	1p	BB	LMS	G 5
Resequencing	Utility		BB	ARC	E 4
Reverse	Game, Logic	1p	BB	ARC	E 2
Reverse	Game, Logic	1p	BB	CUR	F 4
Reverse	Game, Logic	1p	BB	SS	G 14
Riddle	Game, Logic	1p	BB	WWS	G 20
Ring	Graphics		BB	CUR	F 3
Robo Chase	Game, Chase	1p	BB	WWS	G 21
Rocket Pilot	Game, Simulation	1p	BB	RT	G 9
Rotation	Game, Logic	1p	BB	CUR	F 3
Russian Roulette	Game, Logic	1p	BB	WWS	G 20
Sampler #3	Miscellaneous		BB	WWS	G 21
Saucer Battle	Game, Space	1-2p	BB	ARC	E 4
Scott Joplin Ragtime	Music, 3 voice		BB	GM	G 3
Search and Destroy	Game, Logic	1p	BB	LMS	G 5
Sequence	Game, Math	1p	BB	WWS	G 20
Shell-Metzner Sort	Math		BB	CUR	F 3
Short Program Selection	Graphics, Math		BB	ARC	E 10
Sideswipe	Game, Skill	1p	BB	CUR	F 4
Simon	Game, Logic	1p	BB	ARC	E 2
Simon Says	Game, Memory	1p	BB	SS	G 14
Sink the U-Boat	Game, War	1p	BB	LMS	G 5
Slot Machine	Game, Casino	1p	BB	WM	G 17
Slot Machine	Game, Casino	1p	BB	WWS	G 19
Slot Machine I	Game, Casino	1p	BB	ARC	E 3
Slot Machine II	Game, Casino	1-2p	BB	ARC	E 5
Slot Machine III	Game, Casino	1p	BB	ARC	E 6

Alphabetized Program Listings

Program Name	Type	# players		Source	Section
Smack-Up	Game	Skill 1p	BB	SS	G 13
Solitaire	Game	Logic 1p	BB	WWS	G 21
Sound Graph	Sound		BB	ARC	E 3
Space Adventure	Game	Space 1p	BB	WWS	G 21
Space Battle	Game	Space 1p	BB	MSK	G 7
Space Chase	Game	Space 1p	BB	WM	G 16
Space Chase	Game	Space 2p	BB	WWS	G 19
Space Dok	Game	Space 1p	BB	WWS	G 20
Space Patrol	Game	Space 1p	BB	WWS	G 19
Space Quest 2001	Game	Space 1p	BB	LMS	G 5
Space War	Game	Space 1-2p	BB	RT	G 9
Spacewar I	Game	Space 2p	BB	ARC	E 4
Spacewar II	Game	Space 1p	BB	ARC	E 5
Special Graphics Programs	Graphics	Utility	BB	ARC	E 11
Speed Math	Game	Math 1p	BB	WM	G 17
Speed O Math	Game	Math 1p	BB	ARC	E 8
Spinning Wheel	Game	Casino	BB	ARC	E 11
Spirals I	Graphics		BB	ARC	E 7
Spirals II	Graphics		BB	ARC	E 8
Square Root	Math		BB	ARC	E 3
Star Base 2000	Game	Space 1p	BB	LMS	G 5
Starfire Assembler	Utility		BB	SC	G 11
Starfire!	Game	Space 1p	BB	SC	G 11
Starship Bally	Game	Space 1p	BB	SS	G 13
Star Trek	Game	Space 1p	BB	EL	G 2
Stock Inventory & Purchase Order	Business		BB	CUR	F 3
Strategic Air Command	Game	War 1p	BB	ARC	E 10
Sub Hunter	Game	War 1p	BB	ARC	E 10
Submarine Minefield	Game	War 1-2p	BB	SC	G 11
Subsearch	Game	War 1p	BB	ARC	E 7
Sub Search	Game	War 1p	BB	WWS	G 19
Super Craps	Game	Casino 1-4p	BB	SS	G 13
Super Mastermind	Game	Logic 1p	BB	RT	G 9
Super Sleuth	Game	Strategy 1-4p	BB	LMS	G 5
Super Slot	Game	Casino 1-4p	BB	SS	G 13
Super Star Trek	Game	Space 1p	BB	MSK	G 7
Super Wumpus	Game	Hunt 1p	BB	SC	G 12
Surf Sounds and Crickets	Sound		BB	ARC	E 9
Target (Trio of Games)	Games	1p	BB	LMS	G 5
Temperature Quiz	Educational		BB	WWS	G 21
Tic-Tac-Dough	Game	Board 1	BB	SS	G 13
Tic Tac Toe	Game	Board 1p	BB	WWS	G 19
Tic-Tac-Tollah	Game	Board 1p	BB	ARD	G 1
Text Editor	Utility		BB	MSK	G 7
The Black Lagoon	Game	Skill 1p	BB	LMS	G 5
The Fox and the Hare	Game	Chase 1p	BB	LMS	G 5
The Mummy's Treasure	Game	Logic 1p	BB	LMS	G 5
Three Voice Music Assembler	Music		BB	CUR	F 2
Touch Tone Simulate	Sound		BB	ARC	E 3
Tournament Obstacle Course	Game	Maze 1p	BB,AB	WM	G 18
Tower of Hanoi	Game	Puzzle 1p	BB	ARC	E 10
Tower of Hanoi	Game	Puzzle 1p	BB	CUR	F 4
Traveller	Game	Aid	BB	RT	G 10

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Section C 6

Alphabetized Program Listings

Program Name	Type	# players		Source	Section
Treasure Island	Game, Hunt	2p	BB	CUR	F 5
Treasure Island	Game, Hunt	2p	BB	EL	G 2
TV Ghost	Graphics		BB	WWS	G 21
Twixt	Game, Board	1p	BB	ARC	E 10
UFO Battle	Game, Space	1-2p	BB	SC	G 12
US Geography-Major Cities	Educational, Game	1p	BB	EL	G 2
US Geography-States	Educational, Game	1p	BB	EL	G 2
Van Gam	Game, Logic	1p	BB	WWS	G 19
Video Rally	Educational, Game	1p	BB	ARD	G 1
Wavemaker's Mazemaker	Game, Maze	1p	BB	CUR	F 3
We Three Kings	Music, 3 voice		BB	CUR	F 4
What-Zit	Game, Logic	1p	BB	TBE	F 6
Wildcatter	Game, Economic	1-4p	BB	EL	G 2
Words of Wisdom	Miscellaneous		BB	WWS	G 21
Wumpus	Game, Logic	1p	BB	CUR	F 2
Wumpus	Game, Logic	1p	BB	MSK	G 7
W & W Racetrack	Game, Sport	1-4p	BB	WWS	G 20
XY Tutorial	Utility		BB	SC	G 12
Yahtzee	Game, Dice	1-4p	BB-4J	ARC	E 7
Yahtzee	Game, Dice	1-4p	BB	TBE	F 5
Yahtzee	Game, Dice	1-4p	BB	WM	G 17
Zappit	Game, Space	1p	BB	ARC	E 5
3D Tic Tac Toe	Game, Logic	2p	BB	LMS	G 6
15 Puzzle	Game, Puzzle	1p	BB	ARC	E 7
23 Matches	Game, Logic	1p	BB	RT	G 9
2000 AD	Game, Space	1p	BB	ARC	E 6

Programs Listed by Source

Program Name	Type	# players	Source	Section
Anderson Research and Design				
Graphics Demo	Graphics Utility	BB	ARD	G 1
Tic-Tac-Toe	Game, Board 1p	BB	ARD	G 1
Video Rally	Educational, Game 1p	BB	ARD	G 1
ARCADIAN Newsletter				
Alchemisymmetrical	Graphics	BB	ARC	E 9
Amazed in Space	Game, Maze 1p	BB	ARC	E 3
Arcade Dice	Games, Board & Casino	BB	ARC	E 4
ARCADIAN Sampler	Graphics	BB	ARC	E 6
Artillery Duel	Game, War 2p	BB	ARC	E 7
Attack	Game, Chase 1p	BB	ARC	E 4
Bagels	Game, Logic 1p	BB	ARC	E 5
BALLY 500	Game, Skill 2-3p	BB	ARC	E 10
Bangman	Game, Word 1p	BB	ARC	E 3
Base Conversion	Utility	BB	ARC	E 8
BIBLE Quiz	Educational 2p	BB	ARC	E 6
Bingo	Game, Board 1p	BB	ARC	E 6
Biorhythm I	Personal 1p	BB	ARC	E 4
Biorhythm II	Personal	BB	ARC	E 6
Blackbox	Game, logic 1p	BB	ARC	E 3
Black Hole	Game, Space 1p	BB	ARC	E 6
BOTS	Game, Chase 1p	BB	ARC	E 8
Bowl a Rama	Game, Sport 2p	BB	ARC	E 6
Checkers I	Game, Board 1p	BB	ARC	E 2
Checkers II	Game, Board 1p	BB	ARC	E 4
Circle Plotter	Graphics	BB	ARC	E 9
Circles	Graphics	BB	ARC	E 10
Clock	Time	BB	ARC	E 2
Code	Educational	BB	ARC	E 7
Color Chart	Graphics	BB	ARC	E 9
Compound Interest	Business	BB	ARC	E 11
Connect Four I	Game, Logic 2p	BB	ARC	E 6
Connect Four II	Game, Logic 1-2p	BB	ARC	E 8
Count the Dots	Game, Skill 1p	BB	ARC	E 8
Day of the Week & Calendar	Time	BB	ARC	E 9
Defuse	Game, Hunt 1p	BB	ARC	E 10
Digital Couch	Game, Personal 1p	BB	ARC	E 10
Distance Between Two Points	Math	BB	ARC	E 3
Electronic Visualization Center	Graphics	BB	ARC	E 5
Frequencies	Sound	BB	ARC	E 3
Golf	Game, Sport 1-4p	BB-4J	ARC	E 9
Grandfather Clock	Time, Graphics	BB	ARC	E 9
Graphics Assembler	Graphics Utility	BB	ARC	E 8
Halloween Ghost	Graphics	BB	ARC	E 8
Hamurabi	Game, Economic 1p	BB	ARC	E 5
Hangman I	Game, Word 2p	BB	ARC	E 4
Hello Dolly	Music	BB	ARC	E 5
Hex to Decimal	Utility	BB	ARC	E 2
Horserace	Game, Sport 1-4p	BB	ARC	E 9
Horse Race	Game, Sport 1-4p	BB	ARC	E 8
Interrupt Routine	Utility	BB	ARC	E 8
Logo	Graphics	BB	ARC	E 4
Mastermind	Game, Logic 1p	BB	ARC	E 7

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Section C 8

Programs Listed by Source

Program Name	Type	# players	Source	Section
ARCADIAN Newsletter (Cont.)				
Mastermind II	Game, Logic	1p	BB ARC	E 9
Memory Contents-Binary	Utility		BB ARC	E 2
Memory Contents-Hex	Utility		BB ARC	E 2
Memory Display	Utility		BB ARC	E 3
Memory Doodle	Graphics		BB ARC	E 10
Microtrek	Game, Space	1p	BB ARC	E 4
Monthly Loan Program	Business		BB ARC	E 5
Morse Code	Educational		BB ARC	E 7
Musical Staff	Music		BB ARC	E 9
Music (3 Voice)	Music, 3 voice		BB ARC	E 7
Name and Nicomachus	Game, Number	1p	BB ARC	E 7
Nim	Game, Logic	1-2p	BB ARC	E 11
Number Match	Game, Number	1p	BB ARC	E 5
Old Bent Nose	Game, Board	2p	BB ARC	E 11
O-Jello	Game, Logic	1p	BB ARC	E 6
Pool	Game, Sport	1p	BB ARC	E 11
Popeye the Sailor	Music		BB ARC	E 5
Random Art	Graphics		BB ARC	E 2
Resequencing	Utility		BB ARC	E 4
Reverse	Game, Logic	1p	BB ARC	E 2
Saucer Battle	Game, Space	1-2p	BB ARC	E 4
Short Program Selection	Graphics, Math		BB ARC	E 10
Simon	Game, Logic	1p	BB ARC	E 2
Slot Machine I	Game, Casino	1p	BB ARC	E 3
Slot Machine II	Game, Casino	1-2p	BB ARC	E 5
Slot Machine III	Game, Casino	1p	BB ARC	E 6
Sound Graph	Sound		BB ARC	E 3
Spacewar I	Game, Space	2p	BB ARC	E 4
Spacewar II	Game, Space	1p	BB ARC	E 5
Special Graphics Programs	Graphics Utility		BB ARC	E 11
Speed O Math	Game, Math	1p	BB ARC	E 8
Spinning Wheel	Game, Casino		BB ARC	E 11
Spirals I	Graphics		BB ARC	E 7
Spirals II	Graphics		BB ARC	E 8
Square Root	Math		BB ARC	E 3
Strategic Air Command	Game, War	1p	BB ARC	E 10
Sub Hunter	Game, War	1p	BB ARC	E 10
Subsearch	Game, War	1p	BB ARC	E 7
Surf Sounds and Crickets	Sound		BB ARC	E 9
Touch Tone Simulate	Sound		BB ARC	E 3
Tower of Hanoi	Game, Puzzle	1p	BB ARC	E 10
Twixt	Game, Board	1p	BB ARC	E 10
Yahtzee	Game, Dice	1-4p	BB-4J ARC	E 7
Zappit	Game, Space	1p	BB ARC	E 5
15 Puzzle	Game, Puzzle	1p	BB ARC	E 7
2000 AD	Game, Space	1p	BB ARC	E 6
Bob Wiseman				
Apple-BALLY Software Interface	Utility		BB, Apple BW	G 1

Programs Listed by Source

Program Name	Type	# players	Source	Section
CURSOR/ THE BASIC EXPRESS Newsletter				
Alarm Clock	Time		BB	CUR F 3
ARCADE Golf	Game, Sport 1-4p		BB-4J	CUR F 3
Biorhythm Compatability	Personal 1-2p		BB	CUR F 4
Bubble Sort	Math		BB	CUR F 2
Camel	Game, Logic 1p		BB	CUR F 2
Character Set Size Multipler	Graphics		BB	CUR F 2
Chessette	Game, Board 1-2p		BB	CUR F 4
Chicago Loop	Graphics		BB	CUR F 2
Connect Four	Game, Logic 1-2p		BB	CUR F 4
Connect-the-Dots	Graphics, Game 1p		BB	TBE F 6
Critter	Graphics		BB	CUR F 4
Darts	Game, Simulation 1-4p		BB	TBE F 5
Electric Bill Analysis	Business		BB	CUR F 2
Exec. Time Card Calc.	Business		BB	CUR F 5
Floating Point Math	Math		BB	CUR F 3
Fox and Hounds	Game, Board 1p		BB	TBE F 5
Galactibattle	Game, Space 1p		BB	CUR F 3
Hamurabi	Game, Economic 1p		BB	CUR F 5
Life Synthesis Model	Simulation		BB	CUR F 2
Match	Game, Board 1-2p		BB	TBE F 5
Math Quiz	Game, Math 1p		BB	CUR F 4
Metric Converter	Math		BB	CUR F 5
Morse Code Simulator	Educational		BB	CUR F 5
Note Match	Game, Music 1p		BB	CUR F 4
Old Glory	Graphics, Music		BB	TBE F 6
Ones and Fives	Game, Dice 1-4p		BB	CUR F 5
Othello	Game, Logic 1p		BB	CUR F 3
Plastic Puzzle	Game, Puzzle 1p		BB	CUR F 2
Reverse	Game, Logic 1p		BB	CUR F 4
Ring	Graphics		BB	CUR F 3
Rotation	Game, Logic 1p		BB	CUR F 3
Shell-Metzner Sort	Math		BB	CUR F 3
Sideswipe	Game, Skill 1p		BB	CUR F 4
Stock Inventory & Purchase Order	Business		BB	CUR F 3
Three Voice Music Assembler	Music, 3 voice		BB	CUR F 2
Tower of Hanoi	Game, Puzzle 1p		BB	CUR F 4
Treasure Island	Game, Hunt 2p		BB	CUR F 4
Wavemaker's Mazemaker	Game, Maze 1p		BB	CUR F 3
We Three Kings	Music, 3 voice		BB	CUR F 4
What-Zit	Game, Logic 1p		BB	TBE F 6
Wumpus	Game, Logic 1p		BB	CUR F 2
Yahtzee	Game, Dice 1-4p		BB	TBE F 5
ESOTERICA LTD.				
Bomb Squad	Game, Logic 1p		BB	EL G 2
Fox and Hounds	Game, Board 1p		BB	EL G 2
Mini Golf	Game, Sport 1-4p		BB	EL G 2
Star Trek	Game, Space 1p		BB	EL G 2
Treasure Island	Game, Hunt 2p		BB	EL G 2
US Geography-Major Cities	Educational, Game 1p		BB	EL G 2
US Geography-States	Educational, Game 1p		BB	EL G 2
Wildcatter	Game, Economic 1-4p		BB	EL G 2

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Section C 10

Programs Listed by Source

Program Name	Type	# players	Source	Section
George Moses Co.				
Bach's 15 Two Part Inventions	Music, 3 voice	BB	GM	G 3
Christmas Music	Music, 3 voice	BB	GM	G 3
Scott Joplin Ragtime	Music, 3 voice	BB	GM	G 3
L & M Software				
Air Raid	Game, War 1p	BB	LMS	G 4
Atom Smasher	Game, Strategy 2p	BB	LMS	G 4
Ayatollah Dart Board	Game, Skill 1p	BB	LMS	G 4
Bombardier	Game, War 1p	BB	LMS	G 4
Coyote-Roadrunner Race	Game, Skill 2p	BB	LMS	G 4
Crazy Ball	Game, Skill 1p	BB	LMS	G 4
Galactic War 2002	Game, Space 1p	BB	LMS	G 4
Kill the Vulcan	Game, Space 1p	BB	LMS	G 5
Mission Impossible	Game, Skill 1p	BB	LMS	G 5
Phantom Star Fighters	Game, Maze 2p	BB	LMS	G 5
Rescue Air Drop	Game, Skill 1p	BB	LMS	G 5
Search and Destroy	Game, Logic 1p	BB	LMS	G 5
Sink the U-Boat	Game, War 1p	BB	LMS	G 5
Space Quest 2001	Game, Space 1p	BB	LMS	G 5
Star Base 2000	Game, Space 1p	BB	LMS	G 6
Super Sleuth	Game, Strategy 1-4p	BB	LMS	G 6
Target (Trio of Games)	Games 1p	BB	LMS	G 6
The Black Lagoon	Game, Skill 1p	BB	LMS	G 6
The Fox and the Hare	Game, Chase 1p	BB	LMS	G 6
The Mummy's Treasure	Game, Logic 1p	BB	LMS	G 6
3D Tic Tac Toe	Game, Logic 2p	BB	LMS	G 6
Mark S. Keller				
Biorhythm	Personal	BB	MSK	G 7
Blackjack	Game, Casino 1p	BB	MSK	G 7
Bombardment	Game, War 1p	BB	MSK	G 7
Bullseye	Game, Skill 1-20p	BB	MSK	G 7
Chase	Game, Chase 1p	BB	MSK	G 7
Life	Simulation	BB	MSK	G 7
Space Battle	Game, Space 1p	BB	MSK	G 7
Super Star Trek	Game, Space 1p	BB	MSK	G 7
Text Editor	Utility	BB	MSK	G 7
Wampus	Game, Logic 1p	BB	MSK	G 7
Matt Giwer				
LIFE IV.2	Simulation	BB	MG	G 8
Rich Tietjens				
Biorhythms	Personal	BB	RT	G 9
Cash Register	Game, Educational 1p	BB	RT	G 9
Dungeons and Dragons	Game Aid	BB	RT	G 10
Football Predictor	Personal	BB	RT	G 9
Hurkle	Game, Hunt 1p	BB	RT	G 9
Klingon Capture	Game, Space 1p	BB	RT	G 9
Lion Country	Game, Hunt 1-4p	BB	RT	G 9
Lunar Lander	Game, Simulation 1p	BB	RT	G 9
Orbital Docking Simulator	Game, Simulation 1p	BB	RT	G 9
Rocket Pilot	Game, Simulation 1p	BB	RT	G 9
Space War	Game, Space 1-2p	BB	RT	G 9
Super Mastermind	Game, Logic 1p	BB	RT	G 9
Traveller	Game Aid	BB	RT	G 10
23 Matches	Game, Logic 1p	BB	RT	G 9

Programs Listed by Source

Program Name	Type	# players	Source	Section
Sebree's Computing				
Down the Trench	Game, Space	1p	BB	SC G 11
Hit the Pedestrian	Game, Skill	1p	BB	SC G 11
Math Routines	Math		BB	SC G 11
Munch	Game, Logic	1p	BB	SC G 11
Starfire Assembler	Utility		BB	SC G 11
Starfire!	Game, Space	1p	BB	SC G 11
Submarine Minefield	Game, War	1-2p	BB	SC G 11
Super Wumpus	Game, Hunt	1p	BB	SC G 12
UFO Battle	Game, Space	1-2p	BB	SC G 12
XY Tutorial	Utility		BB	SC G 12
Steve Walters				
BALLY Blackbox	Game, Board	1-4p	BB	SW G 12
Crazy Face	Game, Graphics	1p	BB	SW G 12
Hidden Word Finder	Game, Word	1p	BB	SW G 12
Memory Maze	Game, Maze	1-2p	BB	SW G 12
Super Software				
Bally Football	Game, Sport	1p	BB	SS G 13
Bally Slot	Game, Casino	1p	BB	SS G 14
Barracade	Game, Skill	1p	BB	SS G 14
Beatles Quiz	Educational	1p	BB	SS G 13
Cosmic Zap	Game, Space	1p	BB	SS G 14
Dog Races	Game, Sport	1-4p	BB	SS G 14
Guided Missile	Game, Space	1p	BB	SS G 14
Hustle	Game, Skill	1p	BB	SS G 14
Maze-A-Matic	Game, Maze	1p	BB	SS G 13
Mystery Maze	Game, Maze	1p	BB	SS G 14
Nuts-O	Game, Skill	1p	BB	SS G 14
Reverse	Game, Logic	1p	BB	SS G 14
Simon Says	Game, Memory	1p	BB	SS G 14
Smack-Up	Game, Skill	1p	BB	SS G 13
Starship Bally	Game, Space	1p	BB	SS G 13
Super Craps	Game, Casino	1-4p	BB	SS G 13
Super Slot	Game, Casino	1-4p	BB	SS G 13
Tic-Tac-Dough	Game, Board	1p	BB	SS G 13
THE BASIC EXPRESS Software				
Bio-rhythm	Personal		BB	TBE G 15
Moon Landing	Game, Simulation		BB	TBE G 15
WaveMakers				
Backgammon	Game, Board	1p	BB,AB	WM G 18
Clue	Game, Logic	1-6p	BB	WM G 16
Flying Ace	Game, War	1-2p	BB	WM G 16
Guitar Course	Educational, Music		BB	WM G 17
Horse Race	Game, Sport	1-4p	BB	WM G 16
MAX	Game, Skill	1p	BB	WM G 16
Maze Race	Game, Maze	2p	BB	WM G 16
Mouse in the Hat	Game, Logic	1p	BB	WM G 17
Music Composer	Music		BB	WM G 17
Note Match	Game, Music	1p	BB	WM G 17
Obstacle Course	Game, Maze	1p	BB	WM G 16
Pack Rat	Game, Skill	1p	BB,AB	WM G 18
Perversion	Game, Logic	1-6p	BB	WM G 17
Slot Machine	Game, Casino	1p	BB	WM G 17
Space Chase	Game, Space	1p	BB	WM G 16
Speed Math	Game, Math	1p	BB	WM G 17

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Section C 12

Programs Listed by Source

Program Name	Type	# players	Source	Section
Wavemakers (Cont.)				
Tournament Obstacle Course	Game, Maze	1p	BB,AB	Section G 16-18 WM G 18
Yahtzee	Game, Dice	1-4p	BB	WM G 17
W & W Software Sales				
Amortization	Business		BB	Section G 19-21 WWS G 20
BALLY Nuclear Power Plant	Game, Simulation		BB	WWS G 21
Biorhythms	Personal		BB	WWS G 19
Block Buster	Game, Skill	1p	BB	WWS G 20
Bowling	Game, Sport	1p	BB	WWS G 20
Brain Buster	Game, Logic	1p	BB	WWS G 20
Buddhas Boggler	Game, Puzzle	1p	BB	WWS G 21
Calendar	Time		BB	WWS G 19
Checkbook Balancer & Compound Interest	Personal, Business		BB	WWS G 20
Checkers	Game, Board	1p	BB	WWS G 20
Clock	Time		BB	WWS G 21
Code Breaker	Game, Logic	1p	BB	WWS G 21
Computer Art	Graphics		BB	WWS G 21
Concentration	Game, Logic	2-4p	BB	WWS G 19
Cylon Raiders	Game, Space	1p	BB	WWS G 20
Enhanced Lunar Lander	Game, Simulation	1p	BB	WWS G 21
Flight Simulator	Game, Simulation	1p	BB	WWS G 19
Game of Life	Simulation		BB	WWS G 19
Hangman	Game, Word	1-2p	BB	WWS G 19
Inspector Clew-So	Game, Logic	1p	BB	WWS G 21
Jukebox	Music		BB	WWS G 21
Keno	Game, Casino	1p	BB	WWS G 21
Lazer Blazer	Game, Space	1p	BB	WWS G 20
Mastermind	Game, Logic	1p	BB	WWS G 19
Math Quiz	Game, Math	1p	BB	WWS G 19
MENSA Test	Educational		BB	WWS G 20
Othello	Game, Logic	1-2p	BB	WWS G 19
Pocket Puzzle	Game, Puzzle	1p	BB	WWS G 20
Riddle	Game, Logic	1p	BB	WWS G 20
Robo Chase	Game, Chase	1p	BB	WWS G 21
Russian Roulette	Game, Logic	1p	BB	WWS G 20
Sampler #3	Miscellaneous		BB	WWS G 21
Sequence	Game, Math	1p	BB	WWS G 20
Slot Machine	Game, Casino	1p	BB	WWS G 19
Solitaire	Game, Logic	1p	BB	WWS G 21
Space Adventure	Game, Space	1p	BB	WWS G 21
Space Chase	Game, Space	2p	BB	WWS G 19
Space Dok	Game, Space	1p	BB	WWS G 20
Space Patrol	Game, Space	1p	BB	WWS G 19
Sub Search	Game, War	1p	BB	WWS G 19
Temperature Quiz	Educational		BB	WWS G 21
Tic Tac Toe	Game, Board	1p	BB	WWS G 19
TV Ghost	Graphics		BB	WWS G 21
Van Gam	Game, Logic	1p	BB	WWS G 19
Words of Wisdom	Miscellaneous		BB	WWS G 21
W & W Racetrack	Game, Sport	1-4p	BB	WWS G 20

 Program Listing By Type

BUSINESS				
Amortization	Business	BB	WWS	G 20
Checkbook Balancer & Compound Interest	Personal, Business	BB	WWS	G 20
Compound Interest	Business	BB	ARC	E 11
Electric Bill Analysis	Business	BB	CUR	F 2
Exec. Time Card Calc.	Business	BB	CUR	F 5
Monthly Loan Program	Business	BB	ARC	E 5
Stock Inventory & Purchase Order	Business	BB	CUR	F 3

EDUCATIONAL				
Beatles Quiz	Educational 1p	BB	SS	G 13
BIBLE Quiz	Educational 2p	BB	ARC	E 6
Cash Register	Game, Educational 1p	BB	RT	G 9
Code	Educational	BB	ARC	E 7
Guitar Course	Educational, Music	BB	WM	G 17
MENSA Test	Educational	BB	WWS	G 20
Morse Code	Educational	BB	ARC	E 7
Morse Code Simulator	Educational	BB	CUR	F 5
Temperature Quiz	Educational	BB	WWS	G 21
US Geography-Major Cities	Educational, Game 1p	BB	EL	G 2
US Geography-States	Educational, Game 1p	BB	EL	G 2
Video Rally	Educational, Game 1p	BB	ARD	G 1

GAMES				
Air Raid	Game, War 1p	BB	LMS	G 4
Amazed in Space	Game, Maze 1p	BB	ARC	E 3
Arcade Dice	Games, Board & Casino	BB	ARC	E 4
ARCADE Golf	Game, Sport 1-4p	BB-4J	CUR	F 3
Artillery Duel	Game, War 2p	BB	ARC	E 7
Atom Smasher	Game, Strategy 2p	BB	LMS	G 4
Attack	Game, Chase 1p	BB	ARC	E 4
Ayatollah Dart Board	Game, Skill 1p	BB	LMS	G 4
Backgammon	Game, Board 1p	BB AB	WM	G 17
Bagels	Game, Logic 1p	BB	ARC	E 5
Bally Football	Game, Sport 1p	BB	SS	G 13
Bally Slot	Game, Casino 1p	BB	SS	G 14
BALLY Blackbox	Game, Board 1-4p	BB	SW	G 12
BALLY Nuclear Power Plant	Game, Simulation	BB	WWS	G 21
BALLY 500	Game, Skill 2-3p	BB	ARC	E 10
Bangman	Game, Word 1p	BB	ARC	E 3
Barracade	Game, Skill 1p	BB	SS	G 14
Bingo	Game, Board 1p	BB	ARC	E 6
Blackbox	Game, logic 1p	BB	ARC	E 3
Black Hole	Game, Space 1p	BB	ARC	E 6
Blackjack	Game, Casino 1p	BB	MSK	G 7
Block Buster	Game, Skill 1p	BB	WWS	G 20
Bombardier	Game, War 1p	BB	LMS	G 4
Bombardment	Game, War 1p	BB	MSK	G 7
Bomb Squad	Game, Logic 1p	BB	EL	G 2
BOTS	Game, Chase 1p	BB	ARC	E 8
Bowl a Rama	Game, Sport 2p	BB	ARC	E 6
Bowling	Game, Sport 1p	BB	WWS	G 20
Brain Buster	Game, Logic 1p	BB	WWS	G 20
Buddha's Boggler	Game, Puzzle 1p	BB	WWS	G 21
Bullseye	Game, Skill 1-20p	BB	MSK	G 7

Program Name	Program Listing	By Type	Type	# players	Source	Section
GAMES						
Camel	Game,	Logic	1p	BB	CUR	F 2
Cash Register	Game,	Educational	1p	BB	RT	G 9
Chase	Game,	Chase	1p	BB	MSK	G 7
Checkers	Game,	Board	1p	BB	WWS	G 20
Checkers I	Game,	Board	1p	BB	ARC	E 2
Checkers II	Game,	Board	1p	BB	ARC	E 4
Chessette	Game,	Board	1-2p	BB	CUR	F 4
Clue	Game,	Logic	1-6p	BB	WM	G 16
Code Breaker	Game,	Logic		BB	WWS	G 21
Concentration	Game,	Logic	2-4p	BB	WWS	G 19
Connect Four	Game,	Logic	1-2p	BB	CUR	F 4
Connect Four I	Game,	Logic	2p	BB	ARC	E 6
Connect Four II	Game,	Logic	1-2p	BB	ARC	E 8
Connect-the-Dots	Graphics,	Game	1p	BB	TBE	F 6
Cosmic Zap	Game,	Space	1p	BB	SS	G 14
Count the Dots	Game,	Skill	1p	BB	ARC	E 8
Coyote-Roadrunner Race	Game,	Skill	2p	BB	LMS	G 4
Crazy Ball	Game,	Skill	1p	BB	LMS	G 4
Crazy Face	Game,	Graphics	1p	BB	SW	G 12
Cylon Raiders	Game,	Space	1p	BB	WWS	G 20
Darts	Game,	Simulation	1-4p	BB	TBE	F 5
Defuse	Game,	Hunt	1p	BB	ARC	E 10
Digital Couch	Game,	Personal		BB	ARC	E 10
Dog Races	Game,	Sport	1-4p	BB	SS	G 14
Down the Trench	Game,	Space	1p	BB	SC	G 11
Dungeons and Dragons	Game	Aid		BB	RT	G 10
Enhanced Lunar Lander	Game,	Simulation	1p	BB	WWS	G 21
Flight Simulator	Game,	Simulation	1p	BB	WWS	G 19
Flying Ace	Game,	War	1-2p	BB	WM	G 16
Fox and Hounds	Game,	Hunt	1-2p	BB	EL	G 2
Fox and Hounds	Game,	Board	1p	BB	TBE	F 5
Galactibattle	Game,	Space	1p	BB	CUR	F 3
Galactic War 2002	Game,	Space	1p	BB	LMS	G 4
Golf	Game,	Sport	1-4p	BB-4J	ARC	E 9
Guided Missile	Game,	Space	1p	BB	SS	G 14
Hamurabi	Game,	Economic	1p	BB	ARC	E 5
Hamurabi	Game,	Economic	1p	BB	CUR	F 5
Hangman	Game,	Word	1-2p	BB	WWS	G 19
Hangman I	Game,	Word	2p	BB	ARC	E 4
Hidden Word Finder	Game,	Word	1p	BB	SW	G 12
Hit the Pedestrian	Game,	Skill	1p	BB	SC	G 11
Horse Race	Game,	Sport	1-4p	BB	ARC	E 8
Horse Race	Game,	Sport	1-4p	BB	WM	G 16
Horserace	Game,	Sport	1-4p	BB	ARC	E 9
Hurkle	Game,	Hunt	1p	BB	RT	G 9
Hustle	Game,	Skill	1p	BB	SS	G 14
Inspector Clew-So	Game,	Logic	1p	BB	WWS	G 21
Keno	Game,	Casino	1p	BB	WWS	G 21
Kill the Vulcan	Game,	Space	1p	BB	LMS	G 5
Klingon Capture	Game,	Space	1p	BB	RT	G 9
Lazer Blazer	Game,	Space	1p	BB	WWS	G 20
Lion Country	Game,	Hunt	1-4p	BB	RT	G 9
Lunar Lander	Game,	Simulation	1p	BB	RT	G 9

Program Listing By Type					
Program Name	Type	# players		Source	Section
GAMES					
Mastermind	Game, Logic	1p	BB	ARC	E 7
Mastermind	Game, Logic	1p	BB	WWS	G 19
Mastermind II	Game, Logic	1p	BB	ARC	E 9
Match	Game, Board	1-2p	BB	TBE	F 5
Math Quiz	Game, Math	1p	BB	CUR	F 4
Math Quiz	Game, Math	1p	BB	WWS	G 19
MAX	Game, Skill	1p	BB	WM	G 16
Maze Race	Game, Maze	2p	BB	WM	G 16
Maze-A-Matic	Game, Maze	1p	BB	SS	G 13
Memory Maze	Game, Maze	1-2p	BB	SW	G 12
Microtrek	Game, Space	1p	BB	ARC	E 4
Mini Golf	Game, Sport	1-4p	BB	EL	G 2
Mission Impossible	Game, Skill	1p	BB	LMS	G 5
Moon Landing	Game, Simulation	1p	BB	TBE	G 15
Mouse in the Hat	Game, Logic	1p	BB	WM	G 17
Munch	Game, Logic	1p	BB	SC	G 11
Mystery Maze	Game, Maze	1p	BB	SS	G 14
Name and Nicomachus	Game, Number	1p	BB	ARC	E 7
Nim	Game, Logic	1-2p	BB	ARC	E 11
Note Match	Game, Music	1p	BB	CUR	F 4
Note Match	Game, Music	1p	BB	WM	G 17
Number Match	Game, Number	1p	BB	ARC	E 5
Nuts-O	Game, Skill	1p	BB	SS	G 14
Obstacle Course	Game, Maze	1p	BB	WM	G 16
Old Bent Nose	Game, Board	2p	BB	ARC	E 11
Ones and Fives	Game, Dice	1-4p	BB-4J	CUR	F 5
Orbital Docking Simulator	Game, Simulation	1p	BB	RT	G 9
Othello	Game, Logic	1p	BB	CUR	F 3
Othello	Game, Logic	1-2p	BB	WWS	G 19
O-Jello	Game, Logic	1p	BB	ARC	E 6
Pack Rat	Game, Skill	1p	BB,AB	WM	G 18
Perversion	Game, Logic	1-6p	BB	WM	G 17
Phantom Star Fighters	Game, Maze	2p	BB	LMS	G 5
Plastic Puzzle	Game, Puzzle	1p	BB	CUR	F 2
Pocket Puzzle	Game, Puzzle	1p	BB	WWS	G 20
Pool	Game, Sport	1p	BB	ARC	E 11
Rescue Air Drop	Game, Skill	1p	BB	LMS	G 5
Reverse	Game, Logic	1p	BB	ARC	E 2
Reverse	Game, Logic	1p	BB	CUR	F 4
Reverse	Game, Logic	1p	BB	SS	G 14
Riddle	Game, Logic	1p	BB	WWS	G 20
Rocket Pilot	Game, Simulation	1p	BB	RT	G 9
Robo Chase	Game, Chase	1p	BB	WWS	G 21
Rotation	Game, Logic	1p	BB	CUR	F 3
Russian Roulette	Game, Logic	1p	BB	WWS	G 20
Saucer Battle	Game, Space	1-2p	BB	ARC	E 4
Search and Destroy	Game, Logic	1p	BB	LMS	G 5
Sequence	Game, Math	1p	BB	WWS	G 20
Sideswipe	Game, Skill	1p	BB	CUR	F 4
Simon	Game, Logic	1p	BB	ARC	E 2
Simon Says	Game, Memory	1p	BB	SS	G 14
Sink the U-Boat	Game, War	1p	BB	LMS	G 5

Program Listing By Type

Program Name	Type	# players		Source	Section
GAMES					
Slot Machine	Game,	Casino 1p	BB	WM	G 17
Slot Machine	Game,	Casino 1p	BB	WWS	G 19
Slot Machine I	Game,	Casino 1p	BB	ARC	E 3
Slot Machine II	Game,	Casino 1-2p	BB	ARC	E 5
Slot Machine III	Game,	Casino 1p	BB	ARC	E 6
Smack-Up	Game,	Skill 1p	BB	SS	G 13
Solitaire	Game,	Logic 1p	BB	WWS	G 21
Space Adventure	Game,	Space 1p	BB	WWS	G 21
Space Battle	Game,	Space 1p	BB	MSK	G 7
Space Chase	Game,	Space 1p	BB	WM	G 16
Space Chase	Game,	Space 2p	BB	WWS	G 19
Space Dok	Game,	Space 1p	BB	WWS	G 20
Space Patrol	Game,	Space 1p	BB	WWS	G 19
Space Quest 2001	Game,	Space 1p	BB	LMS	G 5
Space War	Game,	Space 1-2p	BB	RT	G 9
Spacewar I	Game,	Space 2p	BB	ARC	E 4
Spacewar II	Game,	Space 1p	BB	ARC	E 5
Speed Math	Game,	Math 1p	BB	WM	G 17
Speed O Math	Game,	Math 1p	BB	ARC	E 8
Spinning Wheel	Game,	Casino	BB	ARC	E 11
Star Base 2000	Game,	Space 1p	BB	LMS	G 5
Starfire!	Game,	Space 1p	BB	SC	G 11
Starship Bally	Game,	Space 1p	BB	SS	G 13
Star Trek	Game,	Space 1p	BB	EL	G 2
Strategic Air Command	Game,	War 1p	BB	ARC	E 10
Sub Hunter	Game,	War 1p	BB	ARC	E 10
Submarine Minefield	Game,	War 1-2p	BB	SC	G 11
Subsearch	Game,	War 1p	BB	ARC	E 7
Sub Search	Game,	War 1p	BB	WWS	G 19
Super Craps	Game,	Casino 1-4p	BB	SS	G 13
Super Mastermind	Game,	Logic 1p	BB	RT	G 9
Super Sleuth	Game,	Strategy 1-4p	BB	LMS	G 5
Super Slot	Game,	Casino 1-4p	BB	SS	G 13
Super Star Trek	Game,	Space 1p	BB	MSK	G 7
Super Wumpus	Game,	Hunt 1p	BB	SC	G 12
Target (Trio of Games)	Games	1p	BB	LMS	G 5
Tic-Tac-Dough	Game,	Board 1p	BB	SS	G 13
Tic Tac Toe	Game,	Board 1p	BB	WWS	G 19
Tic-Tac-Tollah	Game,	Board 1p	BB	ARD	G 1
The Black Lagoon	Game,	Skill 1p	BB	LMS	G 5
The Fox and the Hare	Game,	Chase 1p	BB	LMS	G 5
The Mummy's Treasure	Game,	Logic 1p	BB	LMS	G 5
Tournament Obstacle Course	Game,	Maze 1p	BB, AB	WM	G 18
Tower of Hanoi	Game,	Puzzle 1p	BB	ARC	E 9
Tower of Hanoi	Game,	Puzzle 1p	BB	CUR	F 4
Traveller	Game	Aid	BB	RT	G 10
Treasure Island	Game,	Hunt 2p	BB	CUR	F 5
Treasure Island	Game,	Hunt 2p	BB	EL	G 2
Twixt	Game,	Board 1p	BB	ARC	E 10
UFO Battle	Game,	Space 1-2p	BB	SC	G 12
US Geography-Major Cities	Educational,	Game 1p	BB	EL	G 2
US Geography-States	Educational,	Game 1p	BB	EL	G 2
Van Gam	Game,	Logic 1p	BB	WWS	G 19
Video Rally	Educational,	Game 1p	BB	ARD	G 1
Wavemaker's Mazemaker	Game,	Maze 1p	BB	CUR	F 3

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Program Listing By Type

Program Name	Type	# players	Source	Section
GAMES				
What-Zit	Game, Logic	1p	BB TBE	F 6
Wildcatter	Game, Economic	1-4p	BB EL	G 2
Wumpus	Game, Logic	1p	BB CUR	F 2
Wumpus	Game, Logic	1p	BB MSK	G 7
W & W Racetrack	Game, Sport	1-4p	BB WWS	G 20
Yahtzee	Game, Dice	1-4p	BB-4J ARC	E 7
Yahtzee	Game, Dice	1-4p	BB TBE	F 5
Yahtzee	Game, Dice	1-4p	BB WM	G 17
Zappit	Game, Space	1p	BB ARC	E 5
3D Tic Tac Toe	Game, Logic	2p	BB LMS	G 6
15 Puzzle	Game, Puzzle	1p	BB ARC	E 7
23 Matches	Game, Logic	1p	BB RT	G 9
2000 AD	Game, Space	1p	BB ARC	E 6
GRAPHICS				
Alchemisymmetrical	Graphics		BB ARC	E 9
ARCADIAN Sampler	Graphics		BB ARC	E 6
Character Set Size Multiplier	Graphics		BB CUR	F 2
Chicago Loop	Graphics		BB CUR	F 2
Circle Plotter	Graphics		BB ARC	E 9
Circles	Graphics		BB ARC	E 10
Color Chart	Graphics		BB ARC	E 9
Computer Art	Graphics		BB WWS	G 21
Connect-the-Dots	Graphics, Game	1p	BB TBE	F 6
Crazy Face	Game, Graphics	1p	BB SW	G 12
Critter	Graphics		BB CUR	F 4
Electronic Visualization Center	Graphics		BB ARC	E 5
Grandfather Clock	Time, Graphics		BB ARC	E 9
Graphics Assembler	Graphics, Utility		BB ARC	E 8
Graphics Demo	Graphics Utility		BB ARD	G 1
Halloween Ghost	Graphics		BB ARC	E 8
Logo	Graphics		BB ARC	E 4
Memory Doodle	Graphics		BB ARC	E 10
Old Glory	Graphics, Music		BB TBE	F 6
Random Art	Graphics		BB ARC	E 2
Ring	Graphics		BB CUR	F 3
Short Program Selection	Graphics, Math		BB ARC	E 10
Special Graphics Programs	Graphics Utility		BB ARC	E 11
Spirals I	Graphics		BB ARC	E 7
Spirals II	Graphics		BB ARC	E 8
TV Ghost	Graphics		BB WWS	G 21
MATH				
Bubble Sort	Math		BB CUR	F 2
Distance Between Two Points	Math		BB ARC	E 3
Floating Point Math	Math		BB CUR	F 3
Math Routines	Math		BB SC	G 11
Math Quiz	Game, Math	1p	BB CUR	F 4
Math Quiz	Game, Math	1p	BB WWS	G 19
Metric Converter	Math		BB CUR	F 5
Short Program Selection	Graphics, Math		BB ARC	E 10
Shell-Metzner Sort	Math		BB CUR	F 3
Sequence	Game, Math	1p	BB WWS	G 20
Speed Math	Game, Math	1p	BB WM	G 17
Speed O Math	Game, Math	1p	BB ARC	E 8
Square Root	Math		BB ARC	E 3

Program Listing By Type

Program Name	Type	# players	Source	Section
MISCELLANEOUS				
Sampler #3	Miscellaneous	BB	WWS	G 21
Words of Wisdom	Miscellaneous	BB	WWS	G 21
MUSIC				
Bach's 15 Two Part Inventions	Music, 3 voice	BB	GM	G 3
Christmas Music	Music, 3 voice	BB	GM	G 3
Guitar Course	Educational, Music	BB	WM	G 17
Hello Dolly	Music	BB	ARC	E 5
Jukebox	Music	BB	WWS	G 21
Music Composer	Music	BB	WM	G 17
Musical Staff	Music	BB	ARC	E 9
Music (3 Voice)	Music, 3 voice	BB	ARC	E 7
Note Match	Game, Music 1p	BB	CUR	F 4
Note Match	Game, Music 1p	BB	WM	G 17
Old Glory	Graphics, Music	BB	TBE	F 6
Popeye the Sailor	Music	BB	ARC	E 5
Scott Joplin Ragtime	Music, 3 voice	BB	GM	G 3
Three Voice Music Assembler	Music, 3 voice	BB	CUR	F 2
We Three Kings	Music, 3 voice	BB	CUR	F 4
PERSONAL				
Biorhythm	Personal	BB	MSK	G 7
Biorhythm Compatability	Personal 1-2p	BB	CUR	F 4
Biorhythm I	Personal 1p	BB	ARC	E 4
Biorhythm II	Personal	BB	ARC	E 6
Biorhythms	Personal	BB	RT	G 9
Biorhythms	Personal	BB	WWS	G 19
Bio-rhythm	Personal	BB	TBE	G 15
Checkbook Balancer & Compound Interest	Personal, Business	BB	WWS	G 20
Digital Couch	Game, Personal 1p	BB	ARC	E 10
Football Predictor	Personal	BB	RT	G 9
SIMULATION				
BALLY Nuclear Power Plant	Game, Simulation	BB	WWS	G 21
Darts	Game, Simulation 1-4p	BB	TBE	F 5
Enhanced Lunar Lander	Game, Simulation 1p	BB	WWS	G 21
Flight Simulator	Game, Simulation 1p	BB	WWS	G 19
Game of Life	Simulation	BB	WWS	G 19
Life	Simulation	BB	MSK	G 7
LIFE IV.2	Simulation	BB	MG	G 8
Life Synthesis Model	Simulation	BB	CUR	F 2
Lunar Lander	Game, Simulation 1p	BB	RT	G 9
Moon Landing	Game, Simulation 1p	BB	TBE	G 15
Orbital Docking Simulator	Game, Simulation 1p	BB	RT	G 9
Rocket Pilot	Game, Simulation 1p	BB	RT	G 9
SOUND				
Frequencies	Sound	BB	ARC	E 3
Sound Graph	Sound	BB	ARC	E 3
Surf Sounds and Crickets	Sound	BB	ARC	E 9
Touch Tone Simulate	Sound	BB	ARC	E 3

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Program Listing By Type					
Program Name	Type	# players		Source	Section
TIME					
Alarm Clock	Time		BB	CUR	F 3
Calendar	Time		BB	WWS	G 19
Clock	Time		BB	ARC	E 2
Clock	Time		BB	WWS	G 21
Day of the Week & Calendar	Time		BB	ARC	E 9
Grandfather Clock	Time, Graphics		BB	ARC	E 9
UTILITY					
Apple-BALLY Software Interface	Utility		BB, Apple	BW	G 1
Base Conversion	Utility		BB	ARC	E 8
Graphics Assembler	Graphics, Utility		BB	ARC	E 8
Graphics Demo	Graphics Utility		BB	ARD	G 1
Hex to Decimal	Utility		BB	ARC	E 2
Interrupt Routine	Utility		BB	ARC	E 8
Memory Contents-Binary	Utility		BB	ARC	E 2
Memory Contents-Hex	Utility		BB	ARC	E 2
Memory Display	Utility		BB	ARC	E 3
Resequencing	Utility		BB	ARC	E 4
Special Graphics Programs	Graphics Utility		BB	ARC	E 11
Starfire Assembler	Utility		BB	SC	G 11
Text Editor	Utility		BB	MSK	G 7
XY Tutorial	Utility		BB	SC	G 12

Alphabetized Hardware Listings

Blue Ram	Add-on System	BB BR	PE	H	3
Blue Ram Keyboard	Keyboard	BB BR	PE	H	3
BR Operating System V1.0	Operating System	BB BR	PE	H	4
BSR Controller	Interface	BB BR	PE	H	3
Cassette Tape Recorder	Accessory		TBE	H	5
Custom BALLY Joysticks	Accessory		SPS	H	5
C-30 Tape	Accessory		TBE	H	5
EDGETAGS	Accessory		RS	H	4
Extended BASIC 1.0	Language	BR or VS		H	2
HD-1 Head Demagnetizer	Accessory		TBE	H	5
H1-Rez Add-in	High Resolution	BB BR	PE	H	4
Light Show Interface	Interface	BB	LMS	H	3
Modem Adaptor	Interface	BB BR	PE	H	4
VIPER Interface Card	Interface	BB VS	AE	H	1
VIPER Keyboard	Keyboard	BB VS	AE	H	1
VIPER RAM Card	Memory	BB VS	AE	H	1
VIPER System One	Add-on System	BB VS	AE	H	1
VIPER System Five	Add-on System	BB VS	AE	H	1
VIPER System Ten	Add-on System	BB VS	AE	H	1

Hardware Listings By Classification

ACCESSORY					
Cassette Tape Recorder	Accessory	BB	TBE	H	5
Custom BALLY Joysticks	Accessory	BB	SPS	H	5
C-30 Tape	Accessory	BB	TBE	H	5
EDGETAGS	Accessory	BB	RS	H	4
HD-1 Head Demagnetizer	Accessory	BB	TBE	H	5
ADD-ON SYSTEM					
Blue Ram	Add-on System	BB BR	PE	H	3
VIPER System One	Add-on System	BB VS	AE	H	1
VIPER System Five	Add-on System	BB VS	AE	H	1
VIPER System Ten	Add-on System	BB VS	AE	H	2
HIGH RESOLUTION					
Hi-Rez Add-in	High Resolution	BB	PE	H	4
INTERFACE					
BSR Controller	Interface	BB BR	PE	H	3
Light Show Interface	Interface	BB	LMS	H	3
Modem Adaptor	Interface	BB BR	PE	H	4
VIPER Interface Card	Interface	BB VS	AE	H	1
KEYBOARD					
Blue RAM Keyboard	Keyboard	BB BR	PE	H	3
VIPER Keyboard	Keyboard	BB VS	AE	H	1
LANGUAGE					
Extended BASIC 1.0	Language	BR or VS		H	2
MEMORY					
VIPER RAM Card	Memory	BB VS	AE	H	1
OPERATING SYSTEM					
BR Operating System V1.0	Operating System	BB BR	PE	H	4

Hardware Listings By Source

Alternative Engineering			Section	H	
Extended BASIC 1.0	Language	BR or VS		H	2
VIPER Interface Card	Interface	BB VS	AE	H	1
VIPER Keyboard	Keyboard	BB VS	AE	H	1
VIPER RAM Card	Memory	BB VS	AE	H	1
VIPER System One	Add-on System	BB VS	AE	H	1
VIPER System Five	Add-on System	BB VS	AE	H	1
VIPER System Ten	Add-on System	BB VS	AE	H	1
L & M Software			Section	H	
Light Show Interface	Interface	BB	LMS	H	3
Perkins Engineering			Section	H	
Extended BASIC 1.0	Language	BR or VS		H	2
Blue Ram	Add-on System	BB BR	PE	H	3
Blue Ram Keyboard	Keyboard	BB BR	PE	H	3
BR Operating System V1.0	Operating System	BB BR	PE	H	4
BSR Controller	Interface	BB BR	PE	H	3
Hi-Rez Add-in	High Resolution	BB BR	PE	H	4
Modem Adaptor	Interface	BB BR	PE	H	4
Roger Saunders			Section	H	
EDGETAGS	Accessory		RS	H	4
Spectre Systems			Section	H	
Custom BALLY Joysticks	Accessory		SPS	H	5
THE BASIC EXPRESS			Section	H	
Cassette Tape Recorder	Accessory		TBE	H	5
C-30 Tape	Accessory		TBE	H	5
HD-1 Head Demagnetizer	Accessory		TBE	H	5

Selected testimonials:

You have no Idea of how your newsletter, The Arcadian, has done for me. It's like a dream come true. I would like to express my appreciation for it. Thank you!!!!

I OWE YOU A DEBT OF GRATITUDE (BUT MAYBE THE \$10 WILL DO) FOR ALL THE EXCITING INFORMATION I REVIEWED IN VOLUME ONE OF THE ARCADIAN. MY ENCLOSED CHECK IS TO INSURE THAT I RECEIVE MORE VALUABLE DATA THROUGHOUT THE YEAR.

out to mention what a fine magazine the "Arcadian" is. I have learned quite a bit from your tutorials, and the enclosed programs are excellent!

...COLOR TINY BASIC FIDDLER. BUT THANKS TO PATIENT PEOPLE LIKE YOU AND YOUR CONTRIBUTORS I'M EXCITED ALL OVER AGAIN. IT'S LIKE GETTING A NEW COMPUTER!

KEEP UP THE EXCELLENT WORK. IT HAS BEEN FAR MORE THAN MY WILDEST DREAMS.

ARCADIAN

A newsletter for the Bally/AstroVision Arcade user. Originating in 1978, the first Volume includes basic tutorial material nad documents our discoveries of previously hidden commands, controls, access provisions, and utilization of the Tiny BASIC videcade. (\$10) Volume Two carries on in the same tradition of service to the subscriber with additional tutorials, and the use of machine language programming, three-part harmony in BASIC, and the advent of the first hardware to expand the Bally's capabilities.(\$10) Programs of various types are included in each issue and illustrate some of the extensive methods used to get around what is an extremely small memory. Current volume (3), Nov 80-Oct 81, is \$12.50, first class.

...novel retail item which I read your newsletters, and have renewed my enthusiasm for it.

The publication has been of great benefit to me, and I would suggest that any other Bally user who has the Basic cartridge would get his/her moneys worth by subscribing.

ARCADE. I HAVE LEARNED A LOT FROM THE PROGRAMS YOU PRINT AND IT HAS HELPED ME IN BETTER UNDERSTANDING HOW IT FUNCTIONS.

3605 Morrie Dr. San Jose, CA 95127

All ARCADIAN programs are available as source listings in back issues of the ARCADIAN from:

ARCADIAN	Vol. I	\$ 10.00
Bob Fabris	Vol. II	\$ 10.00
3626 Morrie Drive	Vol. III Sub.	\$ 12.50
San Jose, CA 95127		

All ARCADIAN programs are available on tape from:

Richard Houser	Vol 1	ARC Vol. I	#1 thru 11
635 Los Alamos Ave.	Vol 2A	ARC Vol. II	#1 thru #5
Livermore, CA 94550	Vol 2B	ARC Vol. II	#6 thru #10
	Vol 3A	ARC Vol. III	#1 thru #6
	\$20 per Volume (1, 2A, 2B, or 3A)		

Simon	Game, Logic 1p	BB
DESCRIPTION:	The computer shows you a random sequence of colors which you have to repeat using the joystick. Each time you get the sequence correct another color is added to the sequence for you to guess. See how long a sequence you can remember.	
ARC 1-35, 1-45 1-77		

Clock	Time	BB
DESCRIPTION:	This program produces a digital clock on the screen.	
ARC 1-36		

Hex to Decimal	Utility	BB
DESCRIPTION:	This program converts hex numbers to decimal numbers.	
ARC 1-36		

Reverse	Game, Logic 1p	BB
DESCRIPTION:	The object is to put nine numbers in ascending order that are initially in random order. Use the knob to identify the numbers to be moved, and the trigger to initiate the move.	
ARC 1-38,1-46		

Checkers I	Game, Board 1p	BB
DESCRIPTION:	This program has been replaced by Checkers II in the ARCADIAN 2-12.	
ARC 1-42		

Memory Contents-Binary	Utility	BB
DESCRIPTION:	This program yields the decimal number plus the 16 bit binary output for a selected memory location.	
ARC 1-43		

Random Art	Graphics	BB
DESCRIPTION:	This program produces a moving box graphical presentation.	
ARC 1-44, 1-49		

Memory Contents-Hex	Utility	BB
DESCRIPTION:	This program yields the hexadecimal number for a selected memory location.	
ARC 1-44		

Bangman	Game, Word 1p	BB
DESCRIPTION: ARC 1-48, 1-70	A quite clever twist to the old hangman game. It has a good scheme for entering letters without them appearing on the screen, and a search routine for multiusage of letters.	
Slot Machine I	Game, Casino 1p	BB
DESCRIPTION: ARC 1-59, 1-69, 1-77	Casino slot machine game, that keeps track of the bet, number of wins, and the amount of money you have.	
Amazed in Space	Game, Maze 1p	BB
DESCRIPTION: ARC 1-60	The object of this game is to maneuver the spaceship thru the maze as quickly as possible without hitting the walls. You select the path size, maze width and height, and the degree of difficulty. Your score is based on the input parameters.	
Sound Graph	Sound	BB
DESCRIPTION: ARC 1-65	This program allows you to set the Master Counter (&16), A Counter (&17), B Counter (&18), C Counter (&19), Vibrato (&20), Vol A (&21), Vol B and C (&22) and Noise Vol (&23) to different values and hear what the result sounds like.	
Touch Tone Simulate	Sound	BB
DESCRIPTION: ARC 1-65	This program allows you to simulate the Bell Telephone Touch Tone sounds and by holding the telephone mouthpiece at the TV speaker you can dial a telephone number.	
Memory Display	Utility	BB
DESCRIPTION: ARC 1-67	This is a nice memory dump program that displays the decimal and hexadecimal location numbers (Address) and the Data. It will do whole blocks by giving the starting and ending address.	
Square Root	Math	BB
DESCRIPTION: ARC 1-67	Calculates the square root of numbers up to 32,767 to the nearest whole number.	
Distance Between Two Points	Math	BB
DESCRIPTION: ARC 1-67	This program calculates the distance (nearest whole number) between two points when given their corresponding X and Y locations. Also plots a graph and draws a line between the two points. This is for small values of X and Y.	
Frequencies	Sound	BB
DESCRIPTION: ARC 1-70	Converts frequencies to register values and vice-versa.	
Blackbox	Game, logic 1p	BB
DESCRIPTION: ARC 1-74, 1-77	A Black Box consisting of an 8x8 grid, has a preselected number of hidden atoms. You select a X-ray input point and by a set of X-ray penetration rules and results must try to figure out where the atoms are located.	

Spacewar I	Game, Space 2p	BB
DESCRIPTION: ARC 1-79,2-4	Two player game in which you try to shoot the other player, however only when you fire can you be seen.	
Microtrek	Game, Space 1p	BB
DESCRIPTION: ARC 1-89,2-4	Small but interesting version of the STAR-TREK game found on almost all big computers. You can move in the sector, move to a new quadrant, fire phasors, get sensor reports and get status reports. Quite challenging for the BALLY.	
Resequencing	Utility	BB
DESCRIPTION: ARC 1-91	This is a utility program which will renumber your BALLY BASIC program and record the renumbered program on tape. This is a great program to use in making your programs appear professional looking. It also can save you memory space.	
Saucer Battle	Game, Space 1-2p	BB
DESCRIPTION: ARC 2-1, 2-39	One or two player game in which you shoot at each other's spaceship. Interesting firing and hit routines. Difficulty, number of laser blasts, and maximum score can be preselected. Unique blowup graphics.	
Logo	Graphics	BB
DESCRIPTION: ARC 2-3	This program produces the logo used in the ARCADIAN.	
Arcade Dice	Game, Board & Casino	BB
DESCRIPTION: ARC 2-6	Provides electronic dice for up to four players to use in board games. Second game on menu plays CRAPS without odds and and special bets, but keeps track of come bets.	
Checkers II	Game, Board 1p	BB
DESCRIPTION: ARC 2-12	Computer plays checkers with you, you should be able to beat the computer but if you make a mistake watch out. Good graphics and board layout.	
Attack	Game, Chase 1p	BB
DESCRIPTION: ARC 2-13	Game of chase. The object is to maneuver yourself into a position where all five attackers have destroyed themselves by smashing into walls in the process of chasing you.	
Hangman I	Game, Word 2p	BB
DESCRIPTION: ARC 2-14	First player inputs word, second player tries to guess word before trapdoor is sprung. Good graphics routine.	
Biorhythm I	Personal 1p	BB
DESCRIPTION: ARC 2-15	This program has been replaced by BIORHYTHM II in ARCADIAN 2-44.	

Number Match	Game 1p	BB
DESCRIPTION:	The object of this game is to match the numbers one at a time as quickly as possible for the highest score. Continue until the program stops.	
ARC 2-17		
Hello Dolly	Music	BB
DESCRIPTION:	One voice "Hello Dolly" music.	
ARC 2-17		
Popeye the Sailor	Music	BB
DESCRIPTION:	One voice "Popeye the Sailor" music.	
ARC 2-17		
Electronic Visualization Center	Graphics	BB
DESCRIPTION:	Graphically produced large letters of two text lines.	
ARC 2-20		
Slot Machine II	Game, Casino 1-2p	BB
DESCRIPTION:	Slot Machine game having an interesting reel rotation routine.	
ARC 2-21		
Monthly Loan Program	Business	BB
DESCRIPTION:	This program calculates the monthly payments and total payment amount when you input the loan amount, the interest rate, and the months the loan will run.	
ARC 2-22		
Zappit	Game, Space 1p	BB
DESCRIPTION:	Lock on the target using the joystick, then use the trigger to fire your laser.	
ARC 2-23		
Bagels	Game, Logic 1p	BB
DESCRIPTION:	This Bagels game gives you a random 3 digit non duplicating digit number. You must use logic and the clues given after each guess to find the number. A running average is computed as the number of guesses divided by the number of games won.	
ARC 2-25		
Spacewar II	Game, Space 1p	BB
DESCRIPTION:	STAR-TREK type game in which you must try to destroy all the Klingons and the Death Star. You can raise/lower deflection shields, fire phasors, fire photon torpedoes, move to a new quadrant or self-destruct.	
ARC 2-31, 2-47		
Hamurabi	Game, Economic 1p	BB
DESCRIPTION:	Economic game in which you are the king. You must make decisions on running your kingdom economically for a period of 10 years. You must feed your people, buy and sell land, plant crops and if you last 10 years you will be scored on your rule.	
ARC 2-32		

Bingo	Game, Board 1p	BB
DESCRIPTION: ARC 2-33	BINGO game in which you must decide whether the number given is on your card before time runs out. Use knob to indicate yes or no and the trigger to register. If you get 5 in a row before the computer does, you win.	
Connect Four I	Game, Logic 2p	BB
DESCRIPTION: ARC 2-35	Try to get four of your pieces in a line vertically, horizontally or diagonally before your opponent.	
ARCADIAN Sampler	Graphics	BB
DESCRIPTION: ARC 2-39	Letter routine that gives you lower case letters in two versions.	
O-Jello	Game, Logic 1p	BB
DESCRIPTION: ARC 2-41	This is a Tiny Basic version of "Othello" (Reversi) in which you play against the computer. Have fun trying to beat the computer.	
2000 AD	Game, Space 1p	BB
DESCRIPTION: ARC 2-42	A shoot-em-up between an alien invader and a ground station. Use the knob to aim, the trigger to fire, and the joystick to move about.	
Biorhythm II	Personal	BB
DESCRIPTION: ARC 2-44, 2-53	You input the month-day-year of your birth and today's date. The total number of days you have lived will be calculated along with physical index, emotional index, and intellectual index, and a graph showing these for the next 25 days.	
BIBLE Quiz	Educational 2p	BB
DESCRIPTION: ARC 2-48	A teaching program for multiple choice questions, in this case a BIBLE QUIZ.	
Black Hole	Game, Space 1p	BB
DESCRIPTION: ARC 2-50, 2-65	Try to achieve orbit with the mystery ship with the X and Y joystick control. You should be at the same speed and distance from the Black Hole as the mystery ship.	
Slot Machine III	Game, Casino 1p	BB
DESCRIPTION: ARC 2-51	Casino slot machine game.	
Bowl a Rama	Game, Sport 2p	BB
DESCRIPTION: ARC 2-52, 2-65	Bowling game in which the computer displays the pins and keeps score. The ball is initially invisible at the bottom of the screen. When you pull the trigger, the ball appears and you can control the ball by moving the joystick left or right.	

Mastermind	Game, Logic 1p	BB
DESCRIPTION:	Tiny BASIC version of popular logic game	
ARC 2-53		
Artillery Duel	Game, War 2p	BB
DESCRIPTION:	Each player in turn tries to load and aim his gun such that he will hit the other players gun emplacement and cause it to be destroyed. There are gravity and random wind effects. The joystick is used for firing, aiming, and loading the gun.	
ARC 2-59		
Music (3 Voice)	Music, 3 voice	BB
DESCRIPTION:	This program allows you to input three tone music into the BALLY. Voice A, Voice B, Voice C plus the chord duration are input using the keyboard. The music produced is quite good.	
ARC 2-62, 2-82		
15 Puzzle	Game, Puzzle 1p	BB
DESCRIPTION:	TV screen version of the popular 15 puzzle, which uses the joystick to move 24 letters around the screen.	
ARC 2-64		
Spirals I	Graphics	BB
DESCRIPTION:	Graphics program produces spirals on the screen.	
ARC 2-69		
Name and Nicomachus	Game, Number 1p	BB
DESCRIPTION:	Routine to enable you to input a player's name into a program Also a number game in which you pick a number and then answer three questions about that number which the computer asks. The computer then tells you what number you picked.	
ARC 2-72		
Yahtzee	Game, Dice 1-4p	BB-4J
DESCRIPTION:	Yahtzee on the TV screen for 1-4 players. Dice are portrayed on the screen, you select the dice to keep and reroll. When 3 rolls are completed, you select the category in which your score is to be recorded.	
ARC 2-74, 2-82 2-88		
Code	Educational	BB
DESCRIPTION:	This program has been revised and updated using the MORSE CODE program additions, deletions, and corrections in ARCADIAN 2-88.	
ARC 2-81, 2-88		
Subsearch	Game, War 1p	BB
DESCRIPTION:	Find the submarine hidden in the 10x10 grid. When you acquire sonar contact fire a missile and sink the submarine. If you take too long the submarine will sink you.	
ARC 2-83, 3-		
Morse Code	Educational	BB
DESCRIPTION:	Combined with CODE (ARC 2-81) gives morse code program. Input speed and then your message, when you have finished your message type WORDS RUN for the message to be output in code. You can repeat, erase, and add to the message.	
ARC 2-88, 2-82		

Base Conversion	Utility	BB
DESCRIPTION:	Converts from any of four numerical systems into the other three systems. Decimal to hexadecimal to octal to binary.	
ARC 2-89		
BOTS	Game, Chase 1p	BB
DESCRIPTION:	A 9x19 grid is presented on the screen, then 15 walls are randomly placed, then 15 BOTS, then you. After you make a move with the joystick the BOTS advance on you one square at a time. To win you must maneuver so the BOTS will crash into the walls.	
ARC 2-91		
Count the Dots	Game, Skill 1p	BB
DESCRIPTION:	Program puts a random amount of dots (max. 17) on the screen for a short period of time. After you have counted them pull the trigger and enter the amount in the keypad. The computer will keep track of your score.	
ARC 2-92		
Connect Four II	Game, Logic 1-2p	BB
DESCRIPTION:	Moving alternately you try to get four of your pieces in a row either horizontally, vertically or diagonally before the the computer does.	
ARC 2-94		
Spirals II	Graphics	BB
DESCRIPTION:	Graphics program produces spirals on the screen.	
ARC 2-94		
Graphics Assembler	Graphics, Utility	BB
DESCRIPTION:	Programming aid for those who want to make graphic figures using the box command. Allows you to record on tape the finished figure, assign starting line numbers and line spacing for use in another program.	
ARC 2-96		
Halloween Ghost	Graphics	BB
DESCRIPTION:	Gives you a talking skull to use at halloween. It makes random snide remarks to people going by.	
ARC 2-104		
Speed O Math	Game, Math 1p	BB
DESCRIPTION:	Player selects addition, subtraction, multiplication or division problems. Computer gives you 10 problems and at the end tells you how many you got correct.	
ARC 3-6		
Horse Race	Game, Sport 1-4p	BB-4J
DESCRIPTION:	You decide on which horse you want to bet on and how much you want to bet using the joysticks.	
ARC 3-7		
Interrupt Routine	Utility	BB
DESCRIPTION:	This is a BASIC-user interrupt routine for foreground/background processing. By inputting this program, you will be able to use the BASIC while at the same time the object will move about the screen at a speed determined by KN 1	
ARC 3-18		

Mastermind II	Game, Logic 1p	BB
DESCRIPTION: ARC 3-19	In this version of Mastermind, the computer holds a four-color code which you must try to guess. Enter your guesses via the keypad.	
Day of the Week and Calendar Time		BB
DESCRIPTION: ARC 3-22	Input the date and program will tell you what the day of week was for that date and print a calendar.	
Horserace	Game, Sport 1-4p	BB-4J
DESCRIPTION: ARC 3-26	Bet on your favorite horse and see if you can win a bundle at the track.	
Surf Sounds and Crickets	Sound	BB
DESCRIPTION: ARC 3-33	Surf and Cricket sounds are produced by this program.	
Circle Plotter	Graphics	BB
DESCRIPTION: ARC 3-33	Input X and Y position plus the radius and program draws a circle.	
Grandfather Clock	Time, graphics	BB
DESCRIPTION: ARC 3-34, 51	Graphically displays a Grandfather Clock which keeps time and sounds out the hours.	
Color Chart	Graphics	BB
DESCRIPTION: ARC 3-35	Using this utility program you can select colors to use in random snide remarks to people going by. your program and read the BC and FC numbers which produce them.	
Alchemisymmetrical	Graphics	BB
DESCRIPTION: ARC 3-39, 63	Graphic art display.	
Golf	Game, Sport 1-4p	BB-4J
DESCRIPTION: ARC 3-46, 51	Golf game for up to four players. Computer randomly develops a nine hole golf course including different hole layouts, green layouts and hazards. Each player selects club and direction to hit. See if you can get the lowest score.	
Musical Staff	Music	BB
DESCRIPTION: ARC 3-48, 51	Write music on a staff in the Key of C and then listen.	

Short Program Selection	Graphics, Math	BB
DESCRIPTION:	Four short programs--3D Corner, Denominator, Electronic Blanked, and Boxes. Three graphic display programs and one math program.	
ARC 3-49		
Digital Couch	Game, Personal 1p	BB
DESCRIPTION:	Computer becomes psychiatrist giving answers to your responses to an ink blot test.	
ARC 3-51		
Tower of Hanoi	Game, Puzzle 1p	BB
DESCRIPTION:	Rebuild the Tower of Hanoi in a new location using the hand control to pick the block you want to move.	
ARC 3-54		
BALLY 500	Game, Skill 2-3p	BB-3J
DESCRIPTION:	One player controls turns in road while one or two other players drive down the road trying to miss the randomly placed road hazards. See how long you can drive safely.	
ARC 3-57		
Defuse	Game, hunt 1p	BB
DESCRIPTION:	You must locate the bomb hidden in a huge government experimental building of 1 million rooms. Using hot-cold clues find the bomb in 200 seconds.	
ARC 3-58		
Memory Doodle	Graphics	BB
DESCRIPTION:	Produces graphic doodles on the screen.	
ARC 3-67		
Twixt	Game, Board 1p	BB
DESCRIPTION:	Play the computer and try to generate a line from one side of the playing board to the other before the computer can.	
ARC 3-67		
Sub Hunter	Game, War 1p	BB
DESCRIPTION:	You command a destroyer in an attempt to locate and destroy the enemy submarine fleet before they torpedo and sink you.	
ARC 3-75		
Strategic Air Command	Game, War 1p	BB
DESCRIPTION:	You must protect your population from an enemy missile attack on your cities. If loss of life exceeds 1,000,000 people you lose the game.	
ARC 3-76		
Circles	Graphics	BB
DESCRIPTION:	Produces pop art on the screen.	
ARC 3-77		

Special Graphics Programs	Graphics Utility	BB
DESCRIPTION:	These programs in combination with the Tutorial "Creating Special Graphics" by Rich Tietjens will allow you to make your own special characters and then move them around the screen.	
ARC 3-83		
Nim	Game, Logic 1-2p	BB
DESCRIPTION:	15 Boxes are displayed. You decide who moves first. The players then alternate in removing 1, 2, or 3 boxes. The player having to take the last box is the loser.	
ARC 3-86		
Spinning Wheel	Game, Casino	BB
DESCRIPTION:	Combination program consisting of the old "Wheel of Fortune" gambling game and advertising messages which the author used at fund raising faieres.	
ARC 3-91		
Pool	Game, Sport 1p	BB
DESCRIPTION:	Computer version of the 8 Ball. The computer racks the balls and breaks. You then select the direction and strength of the shot then pull the trigger to shoot. By controlling KN(1) you can then control the direction of the hit balls.	
ARC 3-94		
Old Bent Nose	Game, Board 2p	BB
DESCRIPTION:	This is a combination concentration and 3 in a row game with a few unique additions. First you match two squares on the 5x5 grid and try to end up with three matches in a row. If you don't make a match or you pick "Old Bent Nose" you lose your turn, not as easy as you might think.	
ARC 3-97		
Compound Interest	Business	BB
DESCRIPTION:	Program using the on-board calculator routines in the least complex method yet devised.	
ARC 3-98		

THE BASIC EXPRESS is a professional quality bimonthly newsletter containing programs and information on the BALLY. An average of 2-3 programs per month are described with instructions and program listings. An average of one tutorial per month is provided on different facets of the BALLY. This is a reader participation newsletter in that programs, articles, tutorials, etc. are needed to provide a quality and useful newsletter.

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Big Bear Lake, CA 92315

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THE BASIC EXPRESS

P.O. Box 266
Big Bear Lake, CA 92315

Individual issues are available for \$ 1.75 / issue \$ 9.75 / Vol.
Individual issue programs are available on tape for \$ 3.95 per issue \$ 7.40 per two issues

Electric Bill Analysis	Business	BB
DESCRIPTION: CUR 1-1	This program estimates the cost of using an appliance based on your last months billing rate. You input beginning and ending meter reading, electric bill for that period, appliance wattage rating, hours used and computer will calculate cost.	
Plastic Puzzle	Game, Puzzle 1p	BB
DESCRIPTION: CUR 1-3	Rearrange the letters into alphabetical order using the joystick.	
Life Synthesis Model	Simulation	BB
DESCRIPTION: CUR 1-6	This is a simulation called LIFE. You input a colony of the desired shape and a cell will survive with 2-3 neighbors, die with 0-1 or more than 4 neighbors, and give birth if a cell is adjacent to 3 cells when it moves to the next generation.	
Bubble Sort	Math	BB
DESCRIPTION: CUR 1-12	This program puts numbers in ascending order using only 199 bytes.	
Camel	Game, Logic 1p	BB
DESCRIPTION: CUR 1-12	The object is to travel 200 miles across the desert. You're being chased by wild pygmies. You have one canteen, which will last 6 drinks, it can be refilled by finding an oasis. During your journey, you will encounter various hazards. Good Luck.	
Wumpus	Game, Logic 1p	BB
DESCRIPTION: CUR 1-14	The Wumpus lives in a cavern of 20 rooms. Each room is connected to 3 other rooms. Your mission is to deduce in which room the Wumpus is sleeping in, and shoot him with an arrow. You have 5 arrows to use. Watch out for Bats, pits and Wumpus.	
Three Voice Music Assembler	Music, 3 voice	BB
DESCRIPTION: CUR 1-18	This program allows you to write you own music or by using sheet music input the notes and then sit back and listen to three voice music and you'll be quite surprised.	
Chicago Loop	Graphics	BB
DESCRIPTION: CUR 1-21	Simple but very innovative program which incorporates the use of three loops to provide a unique display of graphics looking very much like a city on a lake, complete with reflections, traffic, and sound effects.	
Character Set Size Multipler	Graphics	BB
DESCRIPTION: CUR 1-22	This program uses POKE and CALL to generate different sized character sets with factors of 2X, 4X, or 8X. Don't use more characters than can fill the screen or the program will bomb.	

Rotation	Game, Logic 1p	BB
DESCRIPTION:	With an initial group of 16 letters in a 4x4 grid, you are to rotate each corner group to try to end up with the 4x4 grid in alphabetical order. A special move allows you to interchange a pair of horizontal adjacent letters.	
CUR 1-22		
Ring	Graphics	BB
DESCRIPTION:	Graphics routine to make a ring of various sizes and thicknesses.	
CUR 1-31		
Alarm Clock	Time	BB
DESCRIPTION:	Set up a digital alarm clock on the screen.	
CUR 1-31		
Galactibattle	Game, Space 1p	BB
DESCRIPTION:	You are a Galactic Warrior piloting a fighter on a critical search and destroy mission. You are the last hope of your civilization and must destroy all the Cylon ships located in your quadrant of the galaxy. 7 commands using the keypad.	
CUR 1-35		
Othello	Game, Logic 1p	BB
DESCRIPTION:	Version of Reversi in which you play against the computer. The computer keeps track of the score and is fairly hard to beat.	
CUR 1-38		
ARCADE Golf	Game, Sport 1-4p	BB-4J
DESCRIPTION:	One of the most innovative games that we have seen for the BALLY'S 2K. This game utilizes graphics, allows you to select from 14 clubs, has doglegs, water hazards, sand traps, roughs, wind affects, and penalties. Keeps track of scores.	
CUR 1-42		
Shell-Metzner Sort	Math	BB
DESCRIPTION:	The program put numbers in ascending order. This is faster than the Bubble Sort.	
CUR 1-46		
Wavemaker's Mazemaker	Game, Maze 1p	BB
DESCRIPTION:	Move thru the random maze using the joystick in the fewest number of turns. Good sound effects.	
CUR 1-46		
Floating Point Math	Math	BB
DESCRIPTION:	This program allows you to add, subtract, multiply, and divide decimal numbers.	
CUR 1-46		
Stock Inventory & Purchase Order	Business	BB
DESCRIPTION:	Used every day, input purchase order information, figures cost, updates inventory, lists unfinished orders. The first really useful application that is used daily.	
CUR 2-50		

Connect Four	Game, Logic 1-2p	BB
DESCRIPTION: CUR 2-51	Based on popular Connect Four Game. The graphics, color, and sound are excellent. You must play very well to beat the computer. Uses hand controls to select move.	
Reverse	Game, Logic 1p	BB
DESCRIPTION: CUR 2-59	The computer will show a list of nine numbers. You must select how many numbers you want to reverse. The computer will then rearrange the list and ask again. This is done until you get the list in ascending order. Keeps track of the # of moves.	
Math Quiz	Game, Math 1p	BB
DESCRIPTION: CUR 2-61	Math Quiz allows you to select addition, subtraction, or both. It also lets you select the size of the numbers and also the number of problems. Keeps score and gives you random problems for bonus points. Sound effects and color.	
Note Match	Game, Music 1p	BB
DESCRIPTION: CUR 2-63	The computer will play a note and your are to recreate that note using the joystick.	
Critter	Graphics	BB
DESCRIPTION: CUR 2-66	Using Peek and Poke commands to produce invader type critters which move rapidly about the screen. Lots of potential here for use in fast moving games.	
Sideswipe	Game, Skill 1p	BB
DESCRIPTION: CUR 2-69	Drive your car through and around the other vehicles on the road without hitting them or the sides of the road. Try to get the highest score.	
We Three Kings	Music, 3 voice	BB
DESCRIPTION: CUR 2-69,1-17 2-61	Using the basic music program from CURSOR Vol. 1-17 you can set up "We Three Kings of Orient Are" to play back in three voices.	
Chessette	Game, Board 2p	BB
DESCRIPTION: CUR 2-83	Use the BALLY screen as a chess board to play chess. Castling, En Passant, and Pawn promotions are available. You can also set up chess problems using this program.	
Biorhythm Compatability	Personal 1-2p	BB
DESCRIPTION: CUR 2-83, 92	This program computes and displays the biorhythm pattern of two individuals and displays a bar graph showing percentages of compatability.	
Tower of Hanoi	Game, Puzzle 1p	BB
DESCRIPTION: CUR 2-84	You must move all the blocks one at a time from the first rod to either the second or third rod. You cannot put a bigger block on top of a smaller block.	

Exec. Time Card Calc.	Business	BB
DESCRIPTION: CUR 2-86	You can figure your business payroll using this program. Input Wage, Time In, Time Out and the program will calculate regular pay, overtime pay and total pay.	
Ones and Fives	Game, Dice 1-4p	BB-4J
DESCRIPTION: CUR 2-87	Using five dice try to accumulate a selected amount of points by throwing the dice and getting points for various dice combinations.	
Metric Converter	Math	BB
DESCRIPTION: CUR 2-92	This program converts American measurement units to metric units. A menu is used to pick the units you want converted.	
Morse Code Simulator	Educational	BB
DESCRIPTION: CUR 2-93	Program will show you Morse Code for each letter of the alphabet. You can enter a phrase which it will display along with it's Morse Code equivalent. You can play phrases back later to see how well another person can read the Morse Code.	
Hamurabi	Game, Economic 1p	BB
DESCRIPTION: CUR 2-95	Economic game in which you govern a kingdom and make decisions on buying and selling land, planting crops and feeding the population. If you make a mistake you can be overthrown. Try to rule for twenty years.	
Treasure Island	Game, Hunt 2p	BB
DESCRIPTION: CUR 2-96	The computer hides a treasure in a box of a matrix of sixty boxes. Behind the other boxes are clues, cute little symbols, or nothing at all. The object of the game is to find the treasure before your opponent.	
Darts	Game, Simulation 1-4p	BB
DESCRIPTION: TBE 3-3	A one to four player simulation of a Dart game. Three different throws are available--Hard Throw, Moderate Throw and Very Hard Throw have been devised in an attempt to simulate realism. The first player to 500 points wins the game.	
Yahtzee	Game, Dice 1-4p	BB
DESCRIPTION: TBE 3-7	A dice game for 1-4 players who each have three throws of the dice to roll scoring combinations. After the first roll you may keep some, all or none of the dice and roll the others again to try and improve your scoring combination.	
Match	Game, Board 1-2p	BB
DESCRIPTION: TBE 3-9	Try to match cards with numbers and letters in this concentration type game. The player who gets the most matches wins the game.	
Fox and Hounds	Game, Board 1p	BB
DESCRIPTION: TBE 3-17	Fox and Hounds is based on the old Checker Board game. You start with four pieces at bottom of board. You must box the c computer (Fox) into a corner so he cannot move. You the Hounds can only move forwards, while the Fox can also move backwards.	

Connect-the-Dots

Graphics, Game 1p BB

DESCRIPTION:
TBE 3-18

Select a number of points between 30 and 120 and use the joystick to place them as an outline of a desired object. When the points have all been used, the program will connect the dots with a line.

Old Glory

Graphics, Music BB

DESCRIPTION:
TBE 3-20

Draws a color picture of the American flag and plays Stars and Stripes Forever. Explains how to determine the graphic values used in the flag display. A good tutorial on doing this.

What-Zit

Game, Logic 1p BB

DESCRIPTION:
TBE 3-22

Mastermind type game using a four or a five digit number selected by the computer. Try to determine the number from the clues given and by logic, reason and deduction.

SOFTWARE SOURCES

Section G 1

SOURCE: Anderson Research and Design
 1611 Lacota Lane (612) 894-2633
 Burnsville, MN 55337

ARD

Tic-Tac-Tollah Game, Board 1p BB
 DESCRIPTION: The Ayatollah adds a new dimension to tic-tac-toe: cheating!!
 Can you exercise diplomatic restraint and beat him as he
 changes his mind, changes his moves and changes the rules.
 SOURCE: Anderson Research and Design (612) 894-2633
 1611 Lacota Lane Supplied as: CASSETTE
 Burnsville, MN 55337 Price: \$ 4.95

ARD

Video Rally Educational, Game 1p BB
 DESCRIPTION: This training aid and game simulates a 100 mile TSD (time-
 speed-distance) rally using Sport Car Club of America rules
 and conventions. Includes 8 pages of illustrated instructions
 SOURCE: Anderson Research and Design (612) 894-2633
 1611 Lacota Lane Supplied as: CASSETTE
 Burnsville, MN 55337 Price: \$ 5.95

ARD

Graphics Demo Graphics Utility BB
 DESCRIPTION: Allows you to do complex graphics, 8 pixels at a time,
 without using BOX or LINE commands. Includes lower case
 letters and cartoon animation demos in BASIC.
 SOURCE: Anderson Research and Design (612) 894-2633
 1611 Lacota Lane Supplied as: CASSETTE
 Burnsville, MN 55337 Price: \$ 3.00

Contact Anderson Research and Design for latest catalog.

SOURCE: Bob Wiseman (513) 752-0756
 118 St. Andrews Dr.
 Cincinnati, OH 45245

BW

Apple-BALLY Software Interface Interface BB, Apple+Disk
 DESCRIPTION: Complete software on Apple disk to allow bi-directional
 communications. Store BALLY programs on Apple disk. Use Apple
 keyboard for BALLY entry. Source library included.
 SOURCE: Bob Wiseman (513) 752-0756
 118 St. Andrews Dr. Supplied as: APPLE DISK
 Cincinnati, OH 45245 Price: \$ 15.00

SOFTWARE SOURCES

Section G 2

SOURCE: ESOTERICA LTD.
3328 Red Fox Run
Warren, OH 44485

EL

Tape # 1 Cassette
Star Trek Game, Space 1p BB
Mini Golf Game, Sport 1-4p BB

DESCRIPTION: Star Trek: You are at the helm of a embattled starship when suddenly you are attacked by a Klingon Battle Cruiser can you avoid destruction and then destroy the Klingon. The Klingons are very aggressive so you must act quickly!
Mini Golf: Use the joystick to line up your shot then hit it with just the right touch. Computer gives running score for one to four players. Good graphics and sound effects.

SOURCE: ESOTERICA LTD
3325 Red Fox Run Supplied as: CASSETTE
Warren, OH 44485 Price: \$ 9.50

EL

Tape # 2 Cassette
Bomb Squad Game, Logic 1p BB
Wildcatter Game, Economic 1-4p BB

DESCRIPTION: Bomb Squad: A bomb has been discovered and you must disarm it below it blows up. You have BADCOR (Bomb Analyzing Disposable Computerized Robot) to help you.
Wildcatter: Take charge of your own company as you explore for oil. Study the geological data, calculate the risks, and make your investment. Up to ten wells per player.

SOURCE: ESOTERICA LTD
3325 Red Fox Run Supplied as: CASSETTE
Warren, OH 44485 Price: \$ 9.50

EL

Tape # 3 Cassette
US Geography-States Educational, Game 1p BB
US Geography-Major Cities Educational, Game 1p BB

DESCRIPTION: States: Name the state after seeing its shape and location. Lots of graphics involved in this geography program.
Major Cities: Guess the city based on its location.

SOURCE: ESOTERICA LTD
3325 Red Fox Run Supplied as: CASSETTE
Warren, OH 44485 Price: \$ 15.95

EL

Tape # 4 Cassette
Treasure Island Game, Hunt 1-2p BB
Fox and Hounds Game, Board 1p BB

DESCRIPTION: Treasure Island: Find the treasure using clues hidden in the sixty box matrix before your opponent. Lots of graphics and sound effects.
Fox and Hounds: No information on this program yet but may be appearing in the CURSOR.

SOURCE: ESOTERICA LTD
3325 Red Fox Run Supplied as: CASSETTE
Warren, OH 44485 Price: \$ 9.50

EL

SOFTWARE SOURCES

Section G 3

SOURCE: George Moses Co.
110 E. North St.
Brighton, MI 48116

GM

Bach's 15 Two Part
Inventions Music, 3 voice BB

DESCRIPTION: This tape is a compendium of all fifteen of Bach's Two Part Inventions. Although he wrote them as practice exercises, Bach couldn't have written music more suited to the BALLY Arcade's memory size and sound synthesizer.

SOURCE: George Moses Co. Phone (313) 227-1575
110 E. North St. Supplied as: CASSETTE
Brighton, MI 48116 Price: 9.50

GM

Christmas Music Music, 3 voice BB

DESCRIPTION: 27 all time favorite Christmas Songs in 3 part harmony, some with vibrato, including Silent Night, Deck the Hall, Away in the Manger, O Come All Ye Faithful, Joy to the World, Noel, Hark the Herald, Jingle Bells. 60 minutes of music.

SOURCE: George Moses Co. Phone (313) 227-1575
110 E. North St. Supplied as: CASSETTE
Brighton, MI 48116 Price: 9.50

GM

Scott Joplin Ragtime Music, 3 voice BB

DESCRIPTION: Scott Joplin Piano The Easy Winners*Crush Collision March*
The Entertainer*Maple Leaf Rag*Solace*The Chrysanthemum*
Antoinette*The Cascades*Sensation*The Sycamore*A Breeze from
Alabama*Elite Syncopations*Peacherine Rag*The Strenuous Life

SOURCE: George Moses Co. Phone (313) 227-1575
110 E. North St. Supplied as: CASSETTE
Brighton, MI 48116 Price: 9.50

SOFTWARE SOURCES

Section G 4

SOURCE: L & M Software
8599 Framewood Dr.
Newburgh, IN 47630

LMS

Air Raid

Game, War 1p

BB

DESCRIPTION: In this game you can be a hero and save the people of the village by intercepting the plane that is going to drop the bombs. Play it and see how many lives you save!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Atom Smasher

Game, Strategy 2p

BB

DESCRIPTION: Each player selectively removes radioactive particles from atoms. The atoms reach critical mass and explode shooting energy to adjacent atoms causing a chain reaction. Exciting!!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Ayatollah Dart Board

Game, Skill 1p

BB

DESCRIPTION: Electronically stick a hola in the Ayatollah. In recent weeks have you felt like you want to punch Khomeini out? Well here's your chance! Throw the darts and see what happens when you hit the right spot.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Bombardier

Game, War 1p

BB

DESCRIPTION: You're flying over mountains in a bomber. The area below contains Russian missile silos. You must bomb the silos, taking into account wind speed and direction. Good Luck!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Coyote-Roadrunner Race

Game, Skill 2p

BB

DESCRIPTION: A two player game with all of the excitement and thrill that a race can generate. The race takes place over three screens or zones. All of the hand control functions are used on this one

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Crazy Ball

Game, Skill 1p

BB

DESCRIPTION: Two games in one program! Catch 22 and Blockade involve a crazy little ball that is constantly bouncing off the wall. An action skill game that challenges eye to hand coordination

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Galactic War 2002

Game, Space 1p

BB

DESCRIPTION: From your Starship you must destroy the Klingon space stations, by firing your missiles and at the same time avoid the megaton blaster and space debris. Good Luck!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

SOFTWARE SOURCES

Section G 5

Kill the Vulcan Game, Space 1p BB
DESCRIPTION: Protect the earth from being destroyed by intercepting the
 land Rover being used by the Vulcans, who are from another
 space outpost. Earth is depending on you!
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Mission Impossible Game, Skill 1p BB
DESCRIPTION: If you take on this mission you must successfully reach the
 end of the corridor containing rooms filled with gas and
 deadly robots. You have a limited oxygen supply and time.
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Phantom Star Fighters Game, Maze 2p BB
DESCRIPTION: Two player maze game. The star fighters are cloaked to render
 them invisible, except when they bump into a barrier or when
 reloading. You have a choice of two laser weapons.
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Rescue Air Drop Game, Skill 1p BB
DESCRIPTION: This is your chance to defend a village against a warring
 pack of mongrels. If you use good skill you can save the
 people and be their hero forever!
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Search and Destroy Game, Logic 1p BB
DESCRIPTION: The mad Dr. Oppenheimer has stolen a nuclear sub and t
 threatens to destroy the world. Your job is to save the world
 by using the battleship.
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Sink the U-Boat Game, War 1p BB
DESCRIPTION: Did you get the opportunity to sink any U-boats during World
 War II? Probably not, so here's your chance to do battle with
 a German U-Boat. Good Luck!
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

Space Quest 2001 Game, Space 1p BB
DESCRIPTION: Your interstellar space craft must save a friendly colony,
 on the planet, from the Star Plunderer. You must break thru
 the forcefield and destroy the enemy, using lasers & missiles
SOURCE: L & M Software
 8599 Framewood Dr. Supplied as: CASSETTE
 Newburgh, IN 47630 Price: Any two programs \$ 12.95

SOFTWARE SOURCES

Section G 6

Star Base 2000

Game, Space 1p BB

DESCRIPTION: Puts you in command of starship Aquila. You must reach the Star Base by navigating thru force fields, black holes, and avoid overheating the engines. Can you reach Star Base 2000??

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Super Sleuth

Game, Strategy 1-4p BB

DESCRIPTION: Detective game which has over 75,000 combinations of suspects, clues, and alibies. A unique "Sherlock Eyepiece" is used to decode secret information displayed to each player in turn.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

Target (Trio of Games)

Games 1p BB

DESCRIPTION: This is a series of three games Pop-up, Deck the Duck, and Skeet. These games give you a chance to test your skill at shooting and are very enjoyable.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

The Black Lagoon

Game, Skill 1p BB

DESCRIPTION: You are the pilot of a boat, which must reach the dock on the other side of the Black Lagoon by passing thru the inter-connecting waterways and avoiding the monster. Good Luck!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

The Fox and the Hare

Game, Chase 1p BB

DESCRIPTION: The Fox is chasing the Hare thru a field containing rabbit holes, that are two levels deep. The Fox must guess in which hole and at what level the Hare is hiding.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

The Mummy's Treasure

Game, Logic 1p BB

DESCRIPTION: Do you like treasure hunts? If so, then this game will intrigue you. Either you get the treasure or the mummy does, depending on how you play the game!

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

3D Tic Tac Toe

Game, Logic 2p BB

DESCRIPTION: The first L & M three dimensional display, with three levels of game boards. Players can win in all three dimensions. This game will amaze you and is for two players.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: CASSETTE
Newburgh, IN 47630 Price: Any two programs \$ 12.95

LMS

 Mark S. Keller
 9536 Shumway Drive (916) 988-7224
 Orangevale, CA 95662

MSK

Tape # 1	Cassette	
Super Star Trek	Game, Space 1p	BB
Space Battle	Game, Space 1p	BB
Chase	Game, Chase 1p	BB
Bombardment	Game, War 1p	BB
Bullseye	Game, Skill 1-20p	BB

DESCRIPTION: Super Star Trek: Battle Klingons in up to 81 8x8 quadrants, using phasors and photon torpedoes to destroy them and star bases for re-supply. Controlled via hand controller 1. Klingons can move. Continuous display.
 Space Battle: See how many spacecraft you can shoot down in 50 time units. The spacecraft get progressively more difficult to hit.
 Chase: You are in a high voltage security area with a selectable number of killer robots after you.
 Bombardment: Find and destroy the computer's four "forts" before yours are destroyed. A number guessing game.
 Bullseye: A non-graphic dart game for up to 20 players.

Mark S. Keller (916) 988-7224
 9536 Shumway Drive Supplied as: CASSETTE
 Orangevale, CA 95662 Price: \$ 10.00

MSK

Tape # 2	Cassette	
Blackjack	Game, Casino 1p	BB
Wumpus	Game, Logic 1p	BB
Life	Simulation	BB
Biorythm	Personal	BB
Text Editor	Utility	BB

DESCRIPTION: Blackjack: Computer controlled dealer plays by casino rules. Plays via hand controller 1. Does not graphically display the cards, only gives number values.
 Wumpus: Hunt the Wumpus in one of six standard caves or a custom cave of your own. The program reads cave files from tape. Programs are supplied for copying and creating cave (and other) files on tape.
 Life: The biological population simulation described in Scientific American and BYTE. Flexible and easy to use.
 Biorythm: Full screen true sine wave display. Will show the three standard and four experimental cycles. Displays 26 days
 Text Editor: Program to help in BASIC program development. You can edit any line without re-typing. The program is approximately 300 bytes long and features change, insert, and delete. Includes three machine language subroutines.

Mark S. Keller (916) 988-7224
 9536 Shumway Drive Supplied as: CASSETTE
 Orangevale, CA 95662 Price: \$ 10.00

SOFTWARE SOURCES

SOURCE: Matt Giwer
3922 Millcreek Dr.
Annandale, VA 22003

MG

LIFE IV.2

Simulation

BB

DESCRIPTION: This is the game of Life featured in 3 issues of Scientific American. It is both fascinating and addictive. Two generations are on the screen at the same time. Over 1000 cells per generation. Highest resolution possible. Four pages of documentation on Life and on the program plus listing.

SOURCE: Matt Giwer
3922 Millcreek Dr. Supplied as: CASSETTE LISTING
Annandale, VA 22003 Price: \$ 6.00 \$ 2.50

SOFTWARE SOURCES

Section G 9

SOURCE: ~~Rich~~ Rich Tietjens Rich is in the service so
~~1930~~ PSC Box 542 allow some extra time for
~~480~~ APO Miami, FL 34004 delivery in case he moves.

RT

Space War Game, Space 1-2p BB
 DESCRIPTION: Orbital dynamic simulation in which one player vs. computer
 or two players attempt to fly space ships close enough to the
 other's ship to score a hit with lasers.

SOURCE: Rich Tietjens ~~571-88-6433~~
~~1930~~ INF BDE Supplied as: CASSETTE
 APO Miami 34004 Price: \$ 6.50

RT

Space Flight Package Cassette
 Klingon Capture Game, Space 1p BB
 Lunar Lander Game, Simulation 1p BB
 Rocket Pilot Game, Simulation 1p BB
 Orbital Docking Simulator Game, Simulation 1p BB
 DESCRIPTION: Klingon Capture: Captain the USS Enterprise and attempt to
 capture a Klingon vessel intact.
 Lunder Lander: Enhanced version. Pilot must land in a clear
 area on the moon.
 Rocket Pilot: Pilot must take off, fly over a lunar mountain,
 and land on the other side.
 Orbital Docking : Pilot must rendezvous with the space station
 Simulator : within a limited time.

SOURCE: Rich Tietjens ~~571-88-6433~~
~~1930~~ INF BDE Supplied as: CASSETTE
 APO Miami 34004 Price: \$10.00

RT

Game Package #2 Cassette
 Lion Country Game, Hunt 1-4p BB
 Super Mastermind Game, Logic 1p BB
 23 Matches Game, Logic 1p BB
 Hurkle Game, Hunt 1p BB
 DESCRIPTION: Lion Country: A safari into darkest Africa to find the
 Diamonds and return to civilization without being eaten!!
 Super Mastermind: A game of logic and deduction. The computer
 devises a code of variable difficulty and you must break it
 in a limited number of guesses.
 23 Matches: Try to force the computer to take the last match.
 Hurkle: Find the Hurkle on the 10x10 grid. (Recommended for
 beginning readers)

SOURCE: Rich Tietjens ~~571-88-6433~~
~~1930~~ INF BDE Supplied as: CASSETTE
 San Angelo, TX 76903 Price: \$10.00

RT

Home Statistics Package Cassette
 Football Predictor Personal BB
 Cash Register Game, Educational 1p BB
 Biorhythms Personal BB
 DESCRIPTION: Football Predictor: A program to predict the final score of a
 game. Supports data files on tape. Data must be supplied by
 the user, but may be saved for future use. Accuracy is not
 warranted.
 Cash Register: A teaching game for ages 7-12. The program
 "buys" groceries and you must make change. A starter data
 file is supplied, along with a routine for you to make files.
 Biorhythms: A modified and enhanced version of the routine
 which appeared in the ARCADIAN.

SOURCE: Rich Tietjens ~~571-88-6433~~
~~1930~~ INF BDE Supplied as: CASSETTE
 APO Miami 34004 Price: \$ 10.00

SOFTWARE SOURCES

Section G 10

Dungeons and Dragons Cassette

Dungeons and Dragons

Game Aid

BB

DESCRIPTION: This package contains programs to generate characters, personalities, and general characteristics; to generate a random dungeon and furnish it, partially; and to roll all of the dice required by the popular Fantasy Role Playing Game

SOURCE: Rich Tietjens ~~574-88-6433~~
 1930 INF BDE Supplied as: CASSETTE
 APO Miami 34004 Price: \$ 8.00

RT

Traveller's Aid Package Cassette

Traveller

Game Aid

BB04

DESCRIPTION: A package to generate basic worlds and characters for the Role Playing Game, Traveller. Recommended only for Starmaster Now includes Library but requires 4K or more RAM add-on.

SOURCE: Rich Tietjens ~~574-88-6433~~
 1930 INF BDE Supplied as: CASSETTE
 APO Miami 34004 Price: \$ 5.00

SOURCE: Sebree's Computing
456 Granite, Dept 3B
Monrovia, CA 91016

SC

Down the Trench Game, Space 1p BB
DESCRIPTION: Based on the StarWars destruction of the Deathstar. Try to fly down the trench, engage your onboard computer and destroy the Deathstar. 6 levels of difficulty. Spectacular explosions and graphics. If you win you've accomplished something.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 6.25

SC

Hit the Pedestrian Game, Skill 1p BB
DESCRIPTION: On screen instructions. Drive down a road and try to hit pedestrians for points, avoid trees however. Good moving graphics, sound effects and excellent control.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 4.70

SC

Math Routines Math BB
DESCRIPTION: Has the following math routines: sine, cosine, arctangent, and square root. Accurate to .01 degrees or better.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 3.25

SC

Munch Game, Logic 1p BB
DESCRIPTION: On screen instructions. You are eating a cookie and gaining points with every bite, but there is a poison raisin hidden in it. Good sound effects and color along with suspense.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 3.70

SC

Starfire! Game, Space 1p BB
DESCRIPTION: The game consists of 3 Machine Language Generated targets which you are to shoot down when they appear randomly. The targets get larger as they get closer to you. The sooner you shoot them down the more points you get. Graphics are spectacular. Full documentation is included.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 7.25

SC

Starfire Assembler Utility BB
DESCRIPTION: The program that wrote the machine language programs for the Starfire! graphics routines.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 3.25

SC

Submarine Minefield Game, War 1-2p BB
DESCRIPTION: On screen instructions. Carefully navigate your Sub thru a very dense minefield while watching out for the 3 homing depth charges. It takes patience to get all the way through it, so concentration is required. Sound effects and graphics.

SOURCE: Sebree's Computing
456 Granite, Dept 3B Supplied as: CASSETTE
Monrovia, CA 91016 Price: \$ 4.70

SC

SOFTWARE SOURCES

Section G 13

SOURCE: Super Software (201) 755-2430
 Robert Rosenhouse
 P.O. Box 702
 Plainfield, NJ 07061

SS

Tape # 1 Cassette

Starship Bally Game, Space 1p BB
 Super Slot Game, Casino 1-4p BB

DESCRIPTION: Starship Bally: Try to shoot as many of the enemy spaceships as you can. Records high scores and uses graphics.
 Super Slot: Up to four people can play this Great Slot Machine right in your home. Each player controls his own bank. Graphics and sound are used throughout the program.

SOURCE: Super Software (201) 755-2430
 P.O. Box 702 Supplied as: CASSETTE LISTING
 Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 2 Cassette

Bally Football Game, Sport 1p BB
 Super Craps Game, Casino 1-4p BB

DESCRIPTION: Bally Football: Plays just like the hand held football. You control the offense and the computer controls the defense.
 Yard status is displayed at the end of each play. Graphics!!!
 Super Craps: 1-4 people can get all the fun of craps without risking a cent. Each player controls his own bank and can bet with or against the roller. Has great graphics!!!

SOURCE: Super Software (201) 755-2430
 P.O. Box 702 Supplied as: CASSETTE LISTING
 Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 3 Cassette

Smack-Up Game, Skill 1p BB
 Beatles Quiz Educational 1p BB

DESCRIPTION: Smack-Up: Combines the skill and action of "TARG" and "Head-On", which are two popular arcade games. You move your car thru a series of maze-like passages to run over as many markers as you can while avoiding the drone car.
 Beatles Quiz: See to what degree of Beatle-mania you really are by answering all the questions the BALLY gives you.

SOURCE: Super Software (201) 755-2430
 P.O. Box 702 Supplied as: CASSETTE LISTING
 Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 4 Cassette

Tic-Tac-Dough Game, Board 1p BB
 Maze-A-Matic Game, Maze 1p BB

DESCRIPTION: Tic-Tac-Dough: Play the bonus round from this famous game show. Pick from 9 squares to uncover money, TIC, TAC, or the dragon. Get the dragon and you lose. \$1000 wins. Graphics!!!
 Maze-A-Matic: Bally draws a maze and you must get thru it, but walls are added to block you. You must have skill and luck to get through.!!!

SOURCE: Super Software (201) 755-2430
 P.O. Box 702 Supplied as: CASSETTE LISTING
 Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

SOFTWARE SOURCES

Section G 14

Tape # 5 Casette

Bally Slot	Game, Casino 1p	BB	
Dog Racing	Game, Sport 1-4p	BB	

DESCRIPTION: Bally Slot: Bally draws a real slot machine on the screen!
It's totally animated! Livily win schedule. But watch out for
the IRS if you win too much.
Dog Racing: Up to 4 people can bet on this fastpaced dog race
Each player bets, then the race is on! All action displayed
with graphics!

SOURCE: Super Software (201) 755-2430
P.O. Box 702 Supplied as: CASSETTE LISTING
Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 6 Casette

Guided Missile	Game, Space 1p	BB	
Reverse	Game, Logic 1p	BB	

DESCRIPTION: Guided Missile: If you can't get enough of "Missile Command"
in the arcades, this program is for you. Try to save the
cities on the doomed planet from the deadly missiles. Great
Graphics and Sound.
Reverse: Try to reverse all of the numbers so that they are
in numerical order. Do it in as few turns or as little time.

SOURCE: Super Software (201) 755-2430
P.O. Box 702 Supplied as: CASSETTE LISTING
Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 7 Casette

Nuts-0	Game, Skill 1p	BB	
Simon Says	Game, Memory 1p	BB	

DESCRIPTION: Nuts-0: Try to evade all the robots in this maze that are a
attacking you. Manuver to avoid getting zapped.
Simon Says: Based on the Milton-Bradley game "Simon". The
computer plays a note and you must repeat it. Then it adds
another and another note until you are completely boggled.

SOURCE: Super Software (201) 755-2430
P.O. Box 702 Supplied as: CASSETTE LISTING
Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 8 Casette

Cosmic Zap	Game, Space 1p	BB	
Barracade	Game, Skill 1p	BB	

DESCRIPTION: Cosmic Zap: Save your starbase from the oncoming meteors.
Use your laser to destroy the incoming meteors.
Barracade: You are in a 5x10 hallway. See how many times you
can get through while avoiding the Space-Guards and the
particle beam.

SOURCE: Super Software (201) 755-2430
P.O. Box 702 Supplied as: CASSETTE LISTING
Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SS

Tape # 9 Casette

Mystery Maze	Game, Maze 1p	BB	
Hustle	Game, Skill 1p	BB	

DESCRIPTION: Mystery Maze: Your mission is to get from end of this maze to
the other without running out of fuel. Do not hit the wall.
Hustle: Checkmate with a twist! You must guide your self to
hit all the value boxes while missing the penalty boxes. This
program gets harder as you get better.

SOURCE: Super Software (201) 755-2430
P.O. Box 702 Supplied as: CASSETTE LISTING
Plainfield, NJ 07061 Price: \$ 9.00 \$ 5.00

SOFTWARE SOURCES

Section G 15

SOURCE: THE BASIC EXPRESS formerly the The CURSOR GROUP
 P.O. Box 266 (714) 866-5826
 Big Bear Lake, CA 92315

TBE

Tape # 1 Cassette
 Moon Landing Game, Simulation 1p BB
 Bio-rhythm Personal BB

DESCRIPTION: Moon Landing: You are awaiting instructions to break away from the mother ship. Once you do, you have to quickly scout for a safe landing spot. After landing you take off and head back to the mother ship if you have enough fuel. Graphics.
 Bio-rhythm: Program to predict your physical, emotional, and intellectual behavior at peak and critical times. Gives graphic plots showing peaks and critical days.

SOURCE: THE BASIC EXPRESS formerly the The CURSOR GROUP
 P.O. Box 266 (213) 843-7332
 North Hollywood, CA 91603

SOURCE: Wavemakers
 Box 94801
 Schaumburg, IL 60193

WMP

Tape # 1 Casette
 MAX Game, Skill 1p BB,AB
 Horse Race Game, Sport 1-4p BB,AB

DESCRIPTION: Side 1. MAX (Robot from space). Your mission is to destroy him. You select from three powers of blasters and must knock out three of his control systems to stop him before he destroys you. Excellent graphics and sounds. Hand controls.
 Side 2. Horse Race 4 Graphic (cute) horses run 5 races 1 to 4 players Input bets on keypad. Game keeps track of winning and losing status of each player. Lots of excitement when played in groups.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

Tape # 2 Casette
 Clue Game, Logic 1-6p BB,AB
 Flying Ace Game, War 1-2p BB,AB

DESCRIPTION: Side 1. Clue based on Milton Bradley's Game. Up to 6 players use keypad. You must solve the crime before your opponents based on answers you receive from the computer using deductive reasoning. No graphics but hours of fun.
 Side 2. Flying Ace. For one or two players. You are in the cockpit of a fighter plane chasing and shooting at the enemy. You must shoot him down quickly to get the highest score. Good graphics and sound. Use Hand Controls.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

Tape # 3 Casette
 Maze Race Game, Maze 2p BB,AB
 Obstacle Course Game, Maze 1p BB,AB
 Space Chase Game, Space 1p BB,AB

DESCRIPTION: Side 1. Two Games on this side both use random mazes and lots of practice to get the highest scores. Maze Race is a two player game, you must beat your opponent through the maze. Obstacle course (One Player) This one is tough.
 Side 2. Space Chase. Limited Graphics, good sound lots of challenge as you try to guide your space ship home through 250 light years, against meteors, enemy battlecraft, and a limited fuel supply.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

SOFTWARE SOURCES

Section G 17

Tape # 4 Cassette
Slot Machine Game, Casino 1p BB,AB
Perversion Game, Logic 1-6p BB,AB

DESCRIPTION: Side 1. Slot Machine Few slot machine games on the software market have the graphics or the quality of this one. Realistic odds, sounds, sirens, moving handle, spinning reels, ten graphic pictures. Top quality. Uses hand control. Side 2. Perversion. 1 or more players. The game has driven Sammy Sweetcake mad. You must find out who did it, with what, and where. The possibilities are endless and the answers are a riot. Just for fun. Uses hand control.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

Tape # 5 Cassette
Music Composer Music BB,AB
Yahtzee Game, Dice 1-4p BB,AB

DESCRIPTION: Side 1. Music Composer. Make your own kind of music. Graphically place notes on staph with the joystick. Make up your own songs and play them back with each note printing as it plays. Can be saved on tape for later use. Educational. Side 2. Yahtzee. Based on Milton Bradley's game. The computer keeps score and bonuses as well as raspberries if you don't score. Graphic dice. Easy to play, hours of fun for one to four players. Uses hand controls for each player.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

Tape # 6 Cassette
Mouse in the Hat Game, Logic 1p BB,AB
Speed Math Game, Math 1p BB,AB
Note Match Game, Music 1p BB,AB

DESCRIPTION: Side 1. Mouse in the Hat. Combine strategy, memory and luck to shoot 3 mice hiding under the 11 top hats. If you fail a tribe of warrior mice will make soup out of you. Cute graphics and very challenging. Side 2. Speed Math improves addition skill as you add three numbers then select correct answer using control handles. Note Match. Test your musical ear by trying to match your note against the computer's note. One player uses joy stick.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

Tape # 7 Cassette
Guitar Course Educational, Music BB,AB

DESCRIPTION: Side 1 only. This program will actually teach you to play a Guitar. Teaches tuning, and all the major and minor chords, fingering, and use in songs. Once you have mastered 3 or 4 chords you can play along with the computer.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 19.95

SOFTWARE SOURCES

Section G 18

Tape # 8

Cassette

Backgammon

Game, Board 1p

BB,AB

Tournament Obstacle Course

Game, Maze 1p

BB,AB

DESCRIPTION: Backgammon: Play this old favorite against the computer, u
 using the standard rules of backgammon. This program has
 excellent graphics, sounds on moves, stops all illegal moves
 throws dice at start of each move and much more!!!!
 Tournament Obstacle Course: Improved their top game to tourn-
 ament quality. It now has higher scoring and if you have one
 of the top six scores, you are able to enter your name into
 memory. Uses control handle to move through the maze.

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 15.95

WMP

Tape # 9

Cassette

Pack-Rat

Game, Skill 1p

BB,AB

DESCRIPTION: Pack-Rat: The BASIC version of Midway's Pac-Man and the only
 one at this time that exists. Travel through the Maze eating
 up the dots while avoiding the Muncher. When the bonus square
 starts flashing you have to stop eating the dots and go get
 the bonus for the highest score. Excellent graphics and sound

SOURCE: Wavemakers
 Box 94801 Supplied as: CASSETTE
 Schaumburg, IL 60193 Price: \$ 10.95

WMP

SOURCE: W & W Software Sales
6594 Swartout Rd.
Algonac, Mich. 48001

WWP

Tape # 1	Cassette		
Othello	Game, Logic 1-2p	BB	
Van Gam	Game, Logic 1p	BB	
Flight Simulator	Game, Simulation 1p	BB	
Sub Search	Game, War 1p	BB	
Hangman	Game, Word 1-2p	BB	

DESCRIPTION: Othello: Based on popular board game and Reversi. Keeps score throughout game.
Van Gam: Match wits with the computer.
Flight Simulator: Learn the skill of flying.
Sub Search: Find the enemy submarine before you are blown up.
Hangman: You put in the words, computer mixes them up.

SOURCE: W & W Software Sales
6594 Swartout Rd.
Algonac, Mich. 48001

Supplied as: CASSETTE
Price: 10.00 woL 12.50

LISTINGS
1.00 pP

WWP

Tape # 2	Cassette		
Concentration	Game, Logic 2-4p	BB	
Space Chase	Game, Space 2p	BB	
Slot Machine	Game, Casino 1p	BB	
Game of Life	Simulation	BB	
Math Quiz	Game, Math 1p	BB	

DESCRIPTION: Concentration: Match Skill in concentration.
Space Chase: Shoot your opponent out of the sky.
Slot Machine: Practice for Vegas. Siren sounds for Jackpot.
Game of Life: Watch the birth, growth, and death of a colony of cells.
Math Quiz: Problems in four basic math skills. Skill level adjusts to player.

SOURCE: W & W Software Sales
6594 Swartout Rd.
Algonac, Mich. 48001

Supplied as: CASSETTE
Price: 10.00 woL 12.50

LISTINGS
1.00 pP

WWP

Tape # 3	Cassette		
Biorhythms	Personal	BB	
Space Patrol	Game, Space 1p	BB	
Tic Tac Toe	Game, Board 1p	BB	
Mastermind	Game, Logic 1p	BB	
Calendar	Time	BB	

DESCRIPTION: Biorhythms: See how you are going to do today. Emotional Intellectual, and Physical curves.
Space Patrol: Kill all the aliens and return to base, before you run out of fuel.
Tic Tac Toe: One player against the computer.
Mastermind: Guess computers four digit number.
Calendar: Any month, any year.

SOURCE: W & W Software Sales
6594 Swartout Rd.
Algonac, Mich. 48001

Supplied as: CASSETTE
Price: 10.00 woL 12.50

LISTINGS
1.00 pP

WWP

SOFTWARE SOURCES

Section

G 20

Tape # 4

Cassette

Cylon Raiders	Game, Space 1p	BB
Checkers	Game, Board 1p	BB
Block Buster	Game, Skill 1p	BB
MENSA Test	Educational	BB
Russian Roulette	Game, Logic 1p	BB

DESCRIPTION: Cylon Raiders: Shoot down the 10 Cylons with your Viper.
 Checkers: Test your skill against the computer.
 Block Bluster: Knock down the walls. Shows high score for the day.
 MENSA Test: 8 sample IQ Questions to test yourself and friends.
 Russian Roulette: See if you can survive.

SOURCE: W & W Software Sales
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

WWP

Tape # 5

Cassette

Bowling	Game, Sport 1p	BB
W & W Racetrack	Game, Sport 1-4p	BB
Space Dok	Game, Space 1p	BB
Riddle	Game, Logic 1p	BB
Sequence	Game, Math 1p	BB

DESCRIPTION: Bowling: For everyone who hates all that physical activity, but loves to bowl.
 W & W Racetrack: Win a Bundle, and not have to worry about the IRS.
 Space Dok: Dock your ship. Four levels of difficulty.
 Riddle: After you figure it out, try it on your friends.
 Sequence: Random selections to sharpen your math skills.

SOURCE: W & W Software Sales
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

WWP

Tape # 6

Cassette

Brain Buster	Game, Logic 1p	BB
Amortization	Business	BB
Checkbook Balancer & Compound Interest	Personal, Business	BB
Lazer Blazer	Game, Space 1p	BB
Pocket Puzzle	Game, Puzzle 1p	BB

DESCRIPTION: Brain Buster: Fill the outer square with middle square empty, and you win!
 Amortization: Check the progress of your mortgage.
 Checkbook Balancer & : These programs make Bookkeeping easier
 Compound Interest:
 Lazer Blazer: Blow up asteroids and space ships to score points.
 Pocket Puzzle: Number Jumble, you put in correct order.

SOURCE: W & W Software Sales
 6594 Swartout Rd. Supplied as: CASSETTE LISTINGS
 Algonac, Mich. 48001 Price: 10.00 woL 12.50 1.00 pP

WWP

HARDWARE SOURCES

SOURCE: Alternative Engineering
 PO Box 128
 Gardiner, ME 04345

AE

VIPER Interface Card Interface BB VS

DESCRIPTION: This card contains the following: 8 I/O ports to control system operations, a 1K ROM monitor that is socketed to allow easy upgrading to 4K ROM, a 12 to 2400 baud audio interface with programmable speed selection, one keyboard input port for the VIPER Keyboard, one memory management system to allow up to 128K bytes of RAM expansion, one five watt audio amplifier plus several other features. This is included in the VIPER Five and Ten Systems.

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: Part of VS5 and VS10.
 Gardiner, ME 04345 Price: See above

AE

VIPER RAM Card Memory BB-VS

DESCRIPTION: This card is a 16K addressable RAM board in 4K, 8K, 16K blocks. It is designed with the interface card for extended memory addressing up to 128K bytes (use up to 8 RAM cards), multifunction 8 position switch pack for enabling and disabling BALLY memory areas, and on board clock select.

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: 16K Ram board
 Gardiner, ME 04345 Price: \$ 135.00

AE

VIPER Keyboard Keyboard BB-VS

DESCRIPTION: This is a 62-Key unit that is ASCII coded, has upper and lower case letters, plus alternate 128 user defined character codes, one aluminum cabinet, one coiled cable with DIN connector, and one status indicator. A Parallel to serial interface card is available as a separate product to interface other keyboards to the VIPER System for \$ 45.00.

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: Wired Unit
 Gardiner, ME 04345 Price: \$ 145.00

AE

VIPER System One Add-on System BB VS

DESCRIPTION: VIPER System One contains one 16K Ram card, one buss interface card, one VIPER One cabinet, power supply, VIPER to ARCADE 50 pin bus cable, one switched AC Outlet and one on/off indicator switch and a Keyboard input port. Extended BASIC 1.0 is included @ 300 Baud to be loaded under existing BALLY BASIC.

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: Wired Unit
 Gardiner, ME 04345 Price: \$ 225.00

AE

VIPER System Five Add-on System BB VS

DESCRIPTION: VIPER System Five contains the VIPER Interface card, one VIPER Five Power Supply, three status indicator tri-color LED's, one VIPER Keyboard Input, a VIPER Five Cabinet and one 5-slot card rack with guides and fan mount (fan is optional).
 Extended BASIC 1.0 is included @ 1200 and 2400 Baud to be loaded under the VOS/VIPER Operating System (1K ROM).

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: VS5 w/o RAM VS5 w 16k RAM
 Gardiner, ME 04345 Price: \$ 260.00 \$ 395.00

AE

SOURCE: Alternative Engineering
 PO Box 128
 Gardiner, ME 04345

AE

VIPER System Ten Add-on System BB-VS
 DESCRIPTION: VIPER System Ten is a 5 slot expansion cabinet to expand
 the System 5 to 10 slot capacity.

SOURCE: Alternative Engineering
 PO Box 128 Supplied as: VIPER 10 Addition
 Gardiner, ME 04345 Price: \$ 150.00

SOURCE: Alternative Engineering	ARCADIAN	Perkins Engineering
PO Box 128	3626 Morrie Drive	1004 Pleasant Ave.
Gardiner, ME 04345	San Jose, CA 95127	Boyne City, MI 49712

Extended BASIC 1.0 Language BR or VS

DESCRIPTION: This new language will be available in two versions: on tape
 for those of you that have a lot of added memory ie. the
 VIPER SYSTEM and on a ROM for those of you with a small added
 memory ie. The Blue Ram.
 Here is a list of most of the new commands and features
 that will appear in the Extended BASIC:
 POINT and CIRCLE
 SNAP memorizes what is on the screen and stores it in an
 array. Later you can recall the scene using SHOW.
 NEW erases the existing program.
 DEFAULT sets all variables to their original values.
 ZERO sets all variables to zero.
 DATA allows easier entry of variables.
 SCROLL rolls the text up or down a specified number of lines.
 Conversion is available between decimal and hex and binary.
 Four colors anywhere.
 Additional character font size of 3x5.
 A window can be set up of any size, anywhere, within which
 text can be placed and scrolled.

Contact above Sources for availability and pricing info.

HARDWARE SOURCES

Section H 3

SOURCE: L & M Software
8599 Framewood Dr.
Newburgh, IN 47630

LMS

Light Show Interface Interface BB

DESCRIPTION: The "Light Show Interface" connects your stereo to the BALLY which is connected to your Color TV. With the addition of the program enclosed, your TV becomes a viewing screen which is variable in step to the music. The style of the display depends on the nature of the program. Comes complete with demo cassette, instructions, and tutorial.

SOURCE: L & M Software
8599 Framewood Dr. Supplied as: One each
Newburgh, IN 47630 Price: \$ 39.95

SOURCE: Perkins Engineering
1004 Pleasant Ave.
Boyne City, MI 49712

PE

Blue Ram Add-On System BB BR

DESCRIPTION: This is a Mini Add-On containing 4224 bytes of static ram & 2 flexible IO ports. Copy, modify and/or save game cartridges on tape. 20000 extra string entries or write hexadecimal machine code programs or data. Two accessories are mentioned here with several more in the works. Package includes tape with complex diagnostic and utility programs in the Blue Ram - total 6024 bytes-SZ

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: KIT WIRED
Boyne City, MI 49712 Price: \$140.00 \$180.00

PE

Blue Ram Keyboard Keyboard BB BR

DESCRIPTION: This 62 key keyboard has all 96 ASCII characters including control characters plus caps lock, repeat and special words keys. Interfaces to the Blue Ram Port A leaving Port B and the tape Port free. Kit contains partial enclosure, wire, key cap stickers, program and electronics. Kit unit requires you to order keyboard (K62) from Jameco. Wired and tested unit includes keyboard.

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: KIT WIRED
Boyne City, MI 49712 Price: \$ 25.00 \$ 90.00

PE

BSR Controller Interface BB BR

DESCRIPTION: This add-on for the Blue-Ram controls lights and appliances whether you are at home or away by ultrasonic coupling to the BSR or Sears controller. The included program on tape makes it very easy to program a simulation of your family's lighting pattern. Your BALLY or a surplus board will keep house while you're away. Requires Blue Ram, BSR X-10 ultrasonic controller. Includes documentation and tape.

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: WIRED
Boyne City, MI 49712 Price: \$ 19.95

Modem Adaptor

Interface

BB-BR

DESCRIPTION: This interface along with a Blue Ram will allow you to communicate with other computers. This basic kit includes all parts, programs, and documentation. An optional port for the BASE 2 800B printer is also available for an additional \$10. Completely wired kit including printer port is available for \$99.95.

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: KIT WIRED WIRED WPP
Boyne City, MI 49712 Price: \$ 69.95 \$ 89.95 \$ 99.95

PE

BR Operating System V1.0

Operating System

BB-BR

DESCRIPTION: The latest Blue Ram Operating System V1.0 is available. It has two very useful features--it allows editing of line statements and it allows storage of 3.8k bytes of BALLY BASIC in the Blue Ram. This gives a total of 5.6K of program space.

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: TAPE
Boyne City, MI 49712 Price: \$ 9.95

PE

Hi-Rez Add-in

High Resolution

BB-BR

DESCRIPTION: This add-in uses 39 additional chips to exploit the high resolution capability of the BALLY custom chips. Three levels of resolution are available--Low 160x102---Medium 160x204----High 320x204. The additional chips include an EPROM for firmware support of the new modes and 12K of additional memory. For Blue Ram owners a tape will be included to provide medium resolution BASIC with four screen colors and 7K programming area.

SOURCE: Perkins Engineering (616) 582-9832
1004 Pleasant Ave. Supplied as: KIT YOUR UNIT REWIRED
Boyne City, MI 49712 Price: \$ 250.00 \$ 350.00

SOURCE: Roger Saunders (503) 238-5796
304 NE 55th
Portland, OR 97213

RS

EDGETAGS

Accessory

DESCRIPTION: Scratch and Mar Resistant Labels to put on the edge of the Videocades so you can tell what each Videocade is without having to pick up the Videocade. Set Consists of all available Videocade Titles as they become available. Also includes four Hand Control Tags.

SOURCE: Roger Saunders (503) 238-5796
304 NE 55th Supplied as: SET
Portland, OR 97213A 91603 Price: \$ 3.50

HARDWARE SOURCES

Section H 5

SOURCE: SPECTRE SYSTEMS
 21145 Fairview
 Dearborn Hts., MI 48127

CUR

Custom BALLY Joysticks Accessory

DESCRIPTION: True Joystick control of two input ports with X and Y ranges between 0 and 255. Plugs into two handle connectors of the ARCADE with no other wiring or modification required. Other options are available, contact SPECTRE for particulars.

SOURCE: SPECTRE SYSTEMS
 21145 Fairview
 Dearborn Hts., MI 48127

Supplied as: One Each
 Price: \$ 49.95 proposed

SOURCE: THE BASIC EXPRESS (714) 866-5826
 P.O. Box 266
 Big Bear Lake, CA 92315

CUR

C-30 Tape Accessory

DESCRIPTION: High quality computer digital tape cassettes. 10 tape case with individual poly boxes.

SOURCE: THE BASIC EXPRESS (213) 843-7332
 P.O. Box 266
 North Hollywood, CA 91603

Supplied as: CASE of 10
 Price: \$ 15.99

CUR

HD-1 Head Demagnetizer Accessory

DESCRIPTION: First quality head demagnetizer to keep your tape machine in first class condition.

SOURCE: THE BASIC EXPRESS (714) 866-5826
 P.O. Box 266
 Big Bear Lake, CA 92315

Supplied as: One Each
 Price: \$ 23.95

TBE

Cassette Tape Recorder Accessory

DESCRIPTION: AC/DC Portable Tape Recorder, featuring Ultra Slim Design, Built-in AC Adaptor, Cue and Review Functions Fast Wind the Sound, Built-in Microphone, Auto-stop at end of Tape, and Automatic Record Level Control.

SOURCE: THE BASIC EXPRESS
 P.O. Box 266
 Big Bear Lake, CA 92315

Supplied as: One Each
 Price: \$ 44.95

CUR

California Residents add 6% sales tax.

BALLY DEALERS

DEALER: ABC Hobbycraft (812) 477-9661
2155 E. Morgan Ave.
Evansville, IN 47711
(812) 477-9661

ABC

ABC Hobbycraft has the most complete line of BALLY/ASTROVISION Computer Equipment in the Midwest: We stock the ARCADE Units, all available Videocades, and accessories that are available. Contact Guy or Dave at (812) 477-9661

Software and Hardware from the following SOURCES is stocked.

George Moses Co.
L & M Software

DEALER: Schwenk Enterprises (916) 944-2001
6988 Lincoln Creek Circle
Carmichael, CA 95608

DEALER: SFP
1064 N. Alta Ave.
Dinuba, CA 93618

DEALER: Super Software
P.O. Box 702
Plainfield, NJ 07061

DEALER: THE BASIC EXPRESS (714) 866-5826
P.O. Box 266
Big Bear Lake, CA 92315

TCG

THE BASIC EXPRESS has the following items available:

- BALLY ARCADE Units
Videocades
Accessories
Tape Cassettes
Cassettee Tape recorders
Manuals
Tutorials
Back issues of CURSOR and THE BASIC EXPRESS
Tape Head Demagnetizer
Software

THE BASIC EXPRESS also services and repairs all BALLY/ASTROVISION equipment

BALLY SERVICE

Section J 1

SERVICE: David Stocker (812) 838-3192
333 Coronado Dr.
Mt. Vernon, IN 47620

DS

Hand Controllers: Cleaned (Fixes "shakey" knob) \$ 2.50 each
And hole drilled in bottom See postage rates below
for cleaning fluid.

Broken Cable: Replaced (If some movements of \$ 4.00 each
controller do not register). See postage rates below

Postage Rates: \$ 1.50 for first controller + \$.50 for each additional unit.

SERVICE: THE BASIC EXPRESS (714) 866-5826
The Old Icehouse
711 Pineknot
Big Bear Lake, CA 92315

DS

Hand Controllers repaired: \$ 8.50 plus \$ 2.75 shipping.

BALLY Arcade Units Repaired and Tuned Up: Contact THE BASIC EXPRESS for more details.

Replacement cables for your Hand Controllers: 2 Cables \$ 6.99
4 Cables \$ 10.49
CA Residents add 6% tax.

SOURCE: ARCADIAN
 3626 Morrie Drive
 San Jose, CA 95127

Manual Title	Price (includes 3rd Class Postage)
BALLY Service Manual	\$ 1.00
Executive Software (27pp)	\$ 2.50
Hacker's Manual (21pp)	\$ 2.00
Manual of Hardware and Software (>300pp)	\$30.00
BALCHEK (60+pp)	\$ 6.50
BALLY BASIC (63pp)	\$ 6.50

SOURCE: THE BASIC EXPRESS (714) 866-5826
 P.O. Box 266
 Big Bear Lake, CA 92315

Manual Title	Price
BALLY On-Board Subroutines	\$ 3.99
Hacker's Manual	\$ 3.99
Disassembled TINY BASIC	\$ 8.49
Disassembled Brickyards and Clowns	\$ 9.99
Disassembled Demo Cassette	\$ 8.49
Disassembled System Software	\$13.49
Disassembled On-Board Games	\$15.99
BALLY System Description Book	\$ 8.99
BALLY Service Manual	\$ 3.50
Peek n' Poke Manual	\$ 8.25
Machine Language Reference Manual	\$19.95

All manuals include FIRST CLASS POSTAGE

TUTORIAL LISTING

Section L 1

ARCADIAN TUTORIALS

Vol.	Page	Title	Authors
1	40	Screen Operation	John Perkins
1	41	IF and OR Explanation	Jean Taillefer
1	41	Data Storage	Bob Weber
1	50	Character Size and Print Location	Steve Walters & Dave Ibach
1	52	IF Statements	Steve Walters & Dave Ibach
1	53	IF Statements	Jean Taillefer
1	56	Beginning Programming and Computing	Bob Fabris
1	62	Music Synthesizer Part 1	Chuck Thomka
1	71	Music Synthesizer Part 2	Chuck Thomka
1	72	Subroutines	Bob Fabris
1	78	Using the BALLY BASIC Text Area	David Ibach
1	81	PX Function	Steve Walters
1	87	Memory Addressing and BALLY TINY BASIC	
1	90	Resequencing	Ron Schweitzer
2	29	Memory Tutorial I	Bob Fabris
2	38	Memory Tutorial II	Bob Fabris
2	54	Memory Tutorial III	Bob Fabris
2	60	Memory Tutorial IV	Bob Fabris
2	62	Music Input Program	George Moses, Brett Bilbrey
			Bob Weber
2	70	Serial and Parallel	Bob Fabris
2	98	Hybrid Programs	Bob Fabris
2	100	Background/ Foreground	Bob Fabris
3	4	Multi-processing Systems	Bob Fabris
3	14	Blue RAM Programming Tutorial	Bob Fabris
3	20	Program Title and Instruction	Steve Walters
3	24	Taping Memory	Dave Ibach
3	43	Programming Techniques Part 1	Bob Wiseman
3	55	Programming Techniques Part 2	Bob Wiseman
3	72	Motherboard Modification	Barry Ellerson
3	82	Creating Special Graphics	Rich Tietjens

CURSOR/ THE BASIC EXPRESS TUTORIALS

Vol.	Page	Title	Authors
1	17	Three Voice Music	Brett Bilbrey
1	25	DMA Graphics	C. J. Anderson
1	37	PRINT Statements	Fred Cornett
2	65	Peek-n'-Poke	Fred Cornett
2	67	Poor Man's Memory Expansion	C. J. Anderson
2	70	Machine Language Graphics	Brett Bilbrey
2	89	Line Resequence	Mike Peace
2	93	Dirty Programming Tricks	Fred Cornett
3	2	The Beauty of the Loop	Daniel J. Drescher
3	5	The ZGRASS Language	Tom Meeks
3	11	Sound Port Study	Mike Peace
3	15	:Run Maker	Andy Guevara
3	20	Old Glory	E. D. Grobe

OTHER TUTORIALS

	Title	Authors
	XY Tutorial	Tim Hays Sebree's Computing

Contact for further information, meeting times and places.

Los Angeles Area; California

Gary Caton Home: (213) 763-0734
 or
 THE BASIC EXPRESS Work: (714) 866-5826
 Fred Cornett

San Francisco Bay Area; California

Richard Houser Work: (415) 422-2009
 635 Los Alamos Ave. Home: (415) 447-8493
 Livermore, CA 94550

Chicago, Illinois Area

Meetings: 3rd Sunday every month at
 DeVry Technical Institute
 3300 N. Campbell
 Mike Maslowski Work: (312) 930-3750
 Home: (312) 654-8937

Brighton, Michigan Area

George Moses Work: (313) 227-1575
 110 East North St.
 Brighton, MI 48116

Detroit, Michigan Area

Ron Pallack Home: (313) 629-5767

Central and Upper Midwest BALLY/ASTROVISION Club (CUMBAC)

C. J. Anderson Coordinator
 P. O. Box 21151
 Saint Paul, MN 55121

Central New Jersey Area

Rob Rosenhouse Home: (201) 755-2289
 44 Forestbrook Dr.
 N. Plainfield, NJ 07060

Long Island, New York Area

Bill Rueger
 336 Beach 38th St.
 Far Rockaway, NY

Westchester Co. Area NY

Dan Simpson Home: (914) 248-7058
 Box 229
 Somers, NY 10589

Raleigh, North Carolina Area

Larry Kall Work: (919) 829-0600
 3200 Octavia St. Home: (919) 851-5039
 Raleigh, NC 27606

Berea, Ohio Area

Steve Wilson Home: (216) 234-8462
 346 Edgewood
 Berea, OH

Sinking Spring PA Area

Gerard A. Heere Home: (215) 678-5068
 2802 Avon Ave. Cornwall Terrace
 Sinking Springs, PA 19608

USER GROUPS

Contact for further information, meeting times and places.

Dallas, Texas Area
 Dennis Galvan
 Work: (214) 767-4946
 Home: (214) 596-9147

Kent, Washington Area
 Steve Bryan
 11501 S. E. 230th Pl.
 Kent, WA 98031
 Work: (206) 433-1253
 Home: (206) 854-8006

Washington DC Area
 Jim Coughlin
 Work: (800) 638-8030
 Home: (202) 678-4972

Milwaukee, Wisconsin Area
 Doug Alexander
 2911 Parkshire Dr.
 Racine, Wis.
 Home: (414) 886-5973

Please send in information on user groups.

How to read a SOURCEBOOK Listing

These Equipment Required Codes are common to all Listings.

BB--BALLY Professional ARCADE with 1 BR--Blue Ram
 2 Joysticks, BALLY BASIC and 1 VS--VIPER System
 External Audio Cassette Interface. 1 HR--Hi-Rez System
 AB--BALLY Pofessional ARCADE Plus with 1 XR--Extended BASIC
 2 Joysticks, ASTROVISION BASIC and 1 Ot--Other see Description
 Built-in Cassette Interface. 1 4J--4 Joysticks

Newsletter Listing

Title	Type, # of Players	Equipment Required
Hamurabi	Game, Economic 1p	BB
DESCRIPTION:	Economic game in which you are the king. You must make decisions on running your kingdom economically for a period of 10 years. You must feed your people, buy and sell land, plant crops and if you last 10 years you will be scored on your rule.	

LOCATION The Vol. # and page # are given.

Software Listing

Title	Type, # of Players	Equipment Required
HAMURABI	Game, Economic 1p	BB
DESCRIPTION:	Economic game in which you are the King, you must make decisions on running the kingdom economically and try to run the kingdom for 10 years.	
SOURCE:	John Smith 1 First ST. Anytown CA	Phone (123) 456-7890 Supplied as: CASSETTE LISTING Price: 5.00 2.00

Supplier Price Codes: wOL = without Listing
 wL = with Listing
 pP = per Program

Prices were those available at time of publication and may change at any time. All prices include at least Third Class Postage.

Hardware Listing

Item	Type	Equipment Required
The COMPUTER EAR	Speech Recognition	BB
DESCRIPTION:	The Computer Ear is a hardware/software package that allows the BALLY to be programmed to recognize spoken words and phrases. It consists of an audio amplifier with built in microphone and level indicator, a programming cassette, and a 16 page User Manual. Plugs into hand controller port, with no BALLY modifications required. Can be used with output peripherals to voice control home appliances. Total hands-off operation.	
SOURCE:	Anderson Research and Design 1611 Lacota Lane Burnsville, MN 55337	(612) 894-2633 Supplied as: WIRED Price: \$ 59.95

Supplier Price of: Item as described

Prices were those available at time of publication and may change at any time. All prices include at least Third Class Postage.

How to read a SOURCEBOOK Listing

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 Built-in Cassette Interface. 1 4J--4 Joysticks

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Supplier Price of: Item as described

Prices were those available at time of publication and may change at any time. All prices include at least Third Class Postage.

PROGRAMMING HINTS

1. Use the +10 statement number routine.
2. Start your programs like this if you have the memory available:
 - 1.
 - 2.
 - 3.
 - 4:RETURN
 - 5.Title of Program
 6. Author and Date
3. Use lines 10 thru 99 as subroutine area. Putting them at the start makes the program run faster and also reduces memory use when calling a subroutine.
4. Start your programs on line 100.
5. Check your program at limit conditions.
6. Go thru your final program and make sure it runs bugfree.
7. Correct spelling errors.
8. Let your friends use the program and make comments on its use, then make changes or improvements.
9. Use a renumbering program such as the RESEQUENCING Program from the ARCADIAN Vol. 1 page 90 and correction Vol. 2 page 11, to make your program appear professional looking.

RMH Enterprises
635 Los Alamos Ave
Livermore, CA 94550

QUESTIONNAIRE

This is for my information, but I will probably summerize and send the results to the ARCADIAN, THE BASIC EXPRESS, and ASTROVISION.

What have you thought about your BALLY so far?

What problems have you had or are still having?

What kind of expansion do you want?
___Mainly Graphics Remarks_____

___Mainly Business _____

___Other_____

___Like APPLE II or ATARI 800 _____

What have you generally thought of the BALLY produced ROM cartridges?

Are you hoping more will be produced? _____If so, what types?

___Chess/Checkers ___Languages (Pascal, etc.)

___Extended BASIC ___Other_____

___Music Composer ___Word Processing

What have you thought about the ARCADIAN and THE BASIC EXPRESS Newsletters?

Other remarks you might have?

What do you think about the BALLY SOFTWARE AND HARDWARE SOURCEBOOK?
Content, layout, price, any other ideas.

OPTIONAL Name:_____

 Address:_____

 City_____State_____ZIP_____

 Phone # (____) _____

Please fold, add a stamp, and mail.

Fold in Half, Staple or Tape Closed, and Mail

Another product for **ASTROVISION'S**

Bally. PROFESSIONAL
ARCADE

Expandable Computer System

Place
Stamp
Here

RMH Enterprises
635 Los Alamos Ave.
Livermore, CA 94550

SOFTWARE and HARDWARE ORDER FORM

S10F.H

Page	Description	Price

Order each Software
or Hardware Item from
the appropriate
SOURCE as given in
the listings.

SUBTOTAL _____

STATE SALES TAX _____

TOTAL _____

Enclose check, cash or money order. (Staple or tape in place.)

IMPORTANT: Fill in the following information.
This information is needed to properly fill your order.

My Unit is a:	Model #	Serial Number
BALLY Professional ARCADE	_____	_____
BALLY Professional ARCADE Plus	_____	_____
ZGRASS-32	_____	_____

If you have the 2000 baud ASTROVISION
BASIC Cartridge (this cartridge has
a mini phone jack on top) Please check this box.

Send to:

Name

Address

City, State

ZIP CODE

Thank you for ordering thru the SOURCEBOOK.

Another Accessory Order for ASTROVISION'S

BALLY Professional ARCADE

Expandable Computer System.

Your return address

Place
Stamp
Here

| Source |

Name

Address

City, State

ZIP CODE

SOFTWARE and HARDWARE ORDER FORM

S10F.H

Page	Description	Price

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or Hardware item from
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SUBTOTAL | _____ |

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TOTAL | _____ |

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BALLY Professional ARCADE	_____	_____
BALLY Professional ARCADE Plus	_____	_____
ZGRASS-32	_____	_____

If you have the 2000 baud ASTROVISION
BASIC Cartridge (this cartridge has
a mini phone jack on top) Please check this box.

Send to:

Name

Address

City, State

ZIP CODE

Thank you for ordering thru the SOURCEBOOK.

Another Accessory Order for ASTROVISION'S

BALLY Professional ARCADE

Expandable Computer System.

Your return address

| Place
| Stamp
Here

| Source |

Name

Address

City, State

ZIP CODE