

FISH TALES (50005)

FUSE LIST

POWER DRIVER BOARD					
F101	+50V DC General (Left Flipper)	3A, (not used)			
F102	+50V DC General (Right Flipper)	3A, (not used)			
F103	Solenoids #25 to #28	3A, 250V, SB			
F104	Solenoids #9 to #16	3A, 250V, SB			
F105	Solenoids #1 to #8	3A, 250V, SB			
F106	G.I. #5 White-Violet	5A, 250V, SB			
F107	G.I. #4 White-Green	5A, 250V, SB			
F108	G.I. #3 White-Yellow	5A, 250V, SB			
F109	G.I. #2 White-Orange	5A, 250V, SB			
F110	G.I. #1 White-Brown	5A, 250V, SB			
F111	Flasher Secondary	5A, 250V, SB			
F112	Solenoid Secondary	5A, 250V, SB			
F113	+5V Logic	5A, 250V, SB			
F114	+18V Lamp Matrix	8A, 32V, N.B.			
F115	+12V Lamp Matrix	3/4A, 250V, FB			
F116	+12V Secondary	3A, 250V, SB			
Audio Board					
F501	-25V	3A, 250V, SB			
F502	+25V	3A, 250V, SB			
Dot Matrix Controller Board					
F601	+62V	3/8A, 250V, SB			
F602	-113V & -125V	3/8A, 250V, SB			
LINE FILTER					
Foreign		5A, 250V, SB			
Domestic		8A, 250V, SB			

Fliptronic II
Controller
Board

Audio Board

Dot Matrix
Controller Board

F101

F102

F103

F104

F105

F111

F112

F113

F114

F108

F107

F106

F109

F110

F116

F115

Power Driver Board

Fliptronic II Controller Board		
F901	Upper Right Flipper	3A, 250V, SB
F902	Upper Left Flipper	3A, 250V, SB
F903	Lower Right Flipper	3A, 250V, SB
F904	Lower Left Flipper	3A, 250V, SB

SOLENOID/FLASHER TABLE

Sol No.	Function	Solenoid Type	Voltage Connections			Drive Xistor	Drive Connections			Drive Wire Color	Coil/Flashlamp Type	
			Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	BALL SHOOTER	High Power	J107-3			Q82	J130-1			VIO-BRN	AE-23-800	
02	CATAPULT	High Power	J107-3			Q80	J130-2			VIO-RED	AL-23-800	
03	BALL POPPER	High Power	J107-3			Q78	J130-4			VIO-ORG	AE-24-900	
04	LEFT SLINGSHOT	High Power	J107-3			Q76	J130-5			VIO-YEL	AE-27-1200	
05	RIGHT SLINGSHOT	High Power	J107-3			Q64	J130-6			VIO-GRN	AE-27-1200	
06	LEFT GATE	High Power	J107-3			Q66	J130-7			VIO-BLU	A-14406	
07	KNOCKER	High Power		J107-3		Q68	J130-8			VIO-BLK		AE-23-800
08	BACKBOX FISH	Low Power	J107-2			Q70	J130-9			VIO-GRY		AE-23-800
09	OUTHOLE	Low Power	J107-2			Q58	J127-1			BRN-BLK	AE-27-1200	
10	BALL RELEASE	Low Power	J107-2			Q56	J127-3			BRN-RED	AE-26-1200	
11	EJECT HOLE	Low Power	J107-2			Q54	J127-4			BRN-ORG	AE-26-1200	
12	DROP TARGET UP	Low Power	J107-2			Q52	J127-5			BRN-YEL	AE-26-1200	
13	DROP TARGET DOWN	Low Power	J107-2			Q50	J127-6			BRN-GRN	SM1-26-600	
14	LEFT JET BUMPER	Low Power	J107-2			Q48	J127-7			BRN-BLU	AE-26-1200	
15	CENTER JET BUMPER	Low Power	J107-2			Q46	J127-8			BRN-VIO	AE-26-1200	
16	RIGHT JET BUMPER	Low Power	J107-2			Q44	J127-9			BRN-GRY	AE-26-1200	
17	JACKPOT FLASHER	Flasher	J107-6			Q42	J126-1			BLK-BRN	#906	
18	SUPER JACKPOT FLASHER	Flasher	J107-6			Q40	J126-2			BLK-RED	#906	
19	INSTANT MULTI-BALL FLASHER	Flasher	J107-6	J106-5		Q38	J126-3	J125-3		BLK-ORG	#906	#906 (2)
20	LIGHT EXTRA BALL FLASHER	Flasher	J107-6	J106-5		Q36	J126-4	J125-5		BLK-YEL	#906	#906 (2)
21	ROCK THE BOAT FLASHER	Flasher	J107-6	J106-5		Q28	J126-5	J125-6		BLU-GRN	#906	#906 (2)
22	VIDEO MODE FLASHER	Flasher	J107-6	J106-5		Q30	J126-6	J125-7		BLU-BLK	#906	#906 (2)
23	HOLD BONUS FLASHER	Flasher	J107-6	J106-5		Q34	J126-7	J125-8		BLU-VIO	#906	#906
24	NOT USED	Flasher	J107-6			Q32				BLU-GRY		
25	REEL FLASHER	Flasher	J107-6	J106-5		Q26	J122-1	J124-1		BLU-BRN	#89	#906 (3)
26	TOPLEFT FLASHER	Flasher	J107-6			Q24	J122-2			BLU-RED	#89, #906	
27	CASTERS CLUB FLASHER	Flasher	J107-6	J106-5		Q22	J122-3	J124-3		BLU-ORG	#89	#906
28	REEL MOTOR	Low Power	J107-2			Q20	J122-4			BLU-YEL	14-7967	
General Illumination			Voltage Connections			Drive Xistor	Drive Connections			Drive Wire	Bulb Type	
			Playfield	Backbox	Cabinet		Playfield	Backbox	Cabinet		Playfield	Backbox
01	Insert Board	G.I.		J121-1		Q18		J121-7		WHT-BRN		#555
02	Insert Board	G.I.	J120-2	J121-2		Q10	J120-8	J121-8		WHT-ORG		#555
03	Hood	G.I.	J120-3			Q14	J120-9			WHT-YEL	#44	
04	Playfield	G.I.		J121-5		Q16		J121-10		WHT-GRN	#555	
05	Playfield	G.I.	J120-6		J119-1	Q12	J120-11		J119-3	WHT-VIO	#44	
Flipper Circuits			Playfield Voltage Connection		Drive Transistors		Playfield Drive Connections		Drive Wire Colors		Coil Part No.	Coil Colors
			Power	Hold	Power	Hold	Power	Hold	Power	Hold		
29	LOWER RIGHT FLIPPER	Power	J907-1 (RED-GRN)		Q4		J902-13		YEL-GRN		FL-11629	BLUE
30		Hold	J907-1 (RED-GRN)	Q11			J902-11		ORG-GRN			
31	LOWER LEFT FLIPPER	Power	J907-4 (RED-BLU)		Q3		J902-9		YEL-BLU		FL-11629	BLUE
32		Hold	J907-4 (RED-BLU)	Q9			J902-7		ORG-BLU			
33	NOT USED	Power	J907-6 (RED-VIO)		Q2		J902-6		YEL-VIO			
34		Hold	J907-6 (RED-VIO)	Q7			J902-4		ORG-VIO			
35	NOT USED	Power	J907-8 (RED-GRY)		Q1		J902-3		YEL-GRY			
36		Hold	J907-8 (RED-GRY)	Q5			J902-1		ORG-GRY			

LAMP MATRIX

Column Row	1 Yellow-Brown J137-1 Q98	2 Yellow-Red J137-2 Q97	3 Yellow-Orange J137-3 Q96	4 Yellow-Black J137-4 Q95	5 Yellow-Green J137-5 Q94	6 Yellow-Blue J137-6 Q93	7 Yellow-Violet J137-7 Q92	8 Yellow-Grey J137-9 Q91
	1 Red-Brown J133-1 Q90	2 Red-Black J133-2 Q89	3 Red-Orange J133-4 Q88	4 Red-Yellow J133-5 Q87	5 Red-Green J133-6 Q86	6 Red-Blue J133-7 Q85	7 Red-Violet J133-8 Q84	8 Red-Grey J133-9 Q83
1	Hold Bonus 11	Stringer Body 1 21	Stringer Tail 1 31	Tropical 41	Bonus 1X 51	School Fish 1 61	Casters Club 71	Stretch 5X Actual 81
2	Video Mode 12	Stringer Body 2 22	Stringer Tail 2 32	Freshwater 42	Bonus 2X 52	School Fish 2 62	Doubles Jackpot 72	Stretch 3X Actual 82
3	Rock The Boat 13	Stringer Body 3 23	Stringer Tail 3 33	Cast Again 43	Auto Cast 53	School Fish 3 63	Lock 3 73	Stretch 2X Actual 83
4	Light Extra Ball 14	Stringer Body 4 24	Stringer Tail 4 34	Deep Sea 44	Bonus 4X 54	School Fish 4 64	Lock 2 74	Stretch Actual Size 84
5	Instant Multi-ball 15	Left Side Feed Frenzy 25	Right Boat Entry 35	Left Fish Head 45	Right Fish Head 55	School Fish 5 65	Lock 1 75	Stretch Total Lie 85
6	Lie (L) 16	Monster Bonus 26	Right Boat Feed Frenzy 36	Left Fish Body 46	Right Fish Body 56	School Fish 6 66	Right Side Feed Frenzy 76	Video Mode 86
7	Lie (I) 17	Fish Finder 27	Left Boat Entry 37	Left Fish Tail 47	Right Fish Tail 57	Super Jackpot 67	Long Cast 77	Cast 87
8	Lie (E) 18	Jackpot 28	Left Boat Feed Frenzy 38	Specials 48	Light Long Cast 58	Light Fish Finder 68	Extra Ball 78	Start Button 88

J1XX = Power Driver Board

SWITCH MATRIX

DEDICATED GROUNDED SWITCHES	Column Row	1 Green-Brown J206-1 U20-18	2 Green-Red J206-2 U20-17	3 Green-Orange J206-3 U20-16	4 Green-Yellow J206-4 U20-15	5 Green-Black J206-5 U20-14	6 Green-Blue J206-6 U20-13	7 Green-Violet J206-7 U20-12	8 Green-Grey J206-9 U20-11	FLIPPER GROUNDED SWITCHES
		1 White-Brown J208-1 U18-11	2 White-Red J208-2 U18-9	3 White-Orange J208-3 U18-5	4 White-Yellow J208-4 U18-7	5 White-Green J208-5 U19-11	6 White-Blue J208-7 U19-9	7 White-Violet J208-8 U19-8	8 White-Grey J208-9 U19-7	
Orange-Brown J205-1 LEFT COIN CHUTE	D1	Not Used 11	Slam Tilt 21	Cast 31	Captive Ball 41	Left jet Bumper 51	Extra Ball 61	Not Used 71	Not Used 81	Black-Green J906-1 Lower Right Flipper E.O.S. F1
Orange-Red J205-2 CENTER COIN CHUTE	D2	Not Used 12	Coin Door Closed 22	Left Boat Exit 32	Right Boat Entry 42	Center Jet Bumper 52	Top Right Loop 62	Not Used 72	Not Used 82	Black-Violet J905-1 Lower Right Flipper Opto F2
Orange-Black J205-3 RIGHT COIN CHUTE	D3	Start Button 13	Ticket Opto 23	Right Boat Exit 33	Left Boat Entry 43	Right Jet Bumper 53	Top Eject Hole 63	Not Used 73	Not Used 83	Black-Blue J906-3 Lower Left Flipper E.O.S. F3
Orange-Yellow J205-4 4 TH COIN CHUTE	D4	Plumb Bob Tilt 14	Always Closed 24	Spinner 34	Lie (L) 44	Right Stand-Up Target 1 54	Top Left Loop 64	Not Used 74	Not Used 84	Black-Gray J905-2 Lower Left Flipper Opto F4
Orange-Green J205-6 Normal Function Srv Credits	D5	Outhole 15	Left Outlane 25	Reel Entry 35	Lie (I) 45	Right Stand-Up Target 2 55	Right Return Lane 65	Not Used 75	Not Used 85	Black-Violet J906-4 Upper Right Flipper E.O.S. F5
Orange-Blue J205-7 Normal Function Volume Dn	D6	Trough 1 16	Left Return Lane 26	Catapult 36	Lie (E) 46	Ball Shooter 56	Right Outlane 66	Not Used 76	Not Used 86	Black-Yellow J905-3 Upper Right Flipper Opto F6
Orange-Violet J205-8 Normal Function Volume Up	D7	Trough 2 17	Left Stand-Up Target 1 27	Reel 1 37	Ball Popper 47	Left Slingshot 57	Not Used 67	Not Used 77	Not Used 87	Black-Gray J906-5 Upper Left Flipper E.O.S. F7
Orange-Grey J205-9 Normal Function Begin Test	D8	Trough 3 18	Left Stand-Up Target 2 28	Reel 2 38	Drop Target 48	Right Slingshot 58	Not Used 68	Not Used 78	Not Used 88	Black-Blue J905-5 Upper Left Flipper Opto F8

J2XX = CPU Board; J9XX = Fliptronic II Board;

= OPTO, TYPICALLY CLOSED