

COIN INDUSTRY **PLAY METER**

UPDATE

Volume 3/No. 6

March 15, 1977

Allied to Re-organize Under Ch. 11

Allied Leisure Industries, the Hialeah, Florida-based manufacturer of pinball machines, arcade pieces and home video games, announced March 4 that it had filed a voluntary petition for reorganization under Chapter 11 of the federal bankruptcy laws.

The firm had disclosed in February that it had been losing money and could raise no new capital.

A financial disclosure release last month showed Allied Leisure with negative net worth and suffering a loss of about \$2.2 million in 1976. The company disclosed that it had had to borrow nearly a million dollars from Chairman of the Board David H. Braun in order to continue operations.

Allied Leisure Industries was founded by Bob and David Braun with Ronald Haliburton in 1969. In 1974 a fire consumed the company's manufacturing facility, destroying records as well as equipment. The dollar loss from the plant fire was estimated at \$2.2 million with some \$1 million lost in parts for previously manufactured games.

The company managed to rebuild quickly enough to come out with Dyn-O-Mite in time for the 1975

show and establish itself as one of the first games manufacturers to bring solid-state pinball to the industry. More recently Allied brought out its first microprocessor game, Thunderbolt.

An Allied spokesman has indicated that significant orders for new

games have been received. The firm is confident, he said, that it will be able to continue operating.

Normally under Chapter 11, the incumbent management continues to operate the company declaring bankruptcy while protected against creditor claims by the courts.

Meadows Games to Expand

Meadows Games, Inc., Sunnyvale, Cal., is in the process of acquiring certain assets of Fun Games of Oakland, Cal. in what Lyla Zinter, Marketing Director at Meadows, described as a "consolidation." The move expected to be completed in the very near future.

Meadows will make use of certain Fun Games assets in its operation, according to Ms. Zinter. These are to include Take 7, Fun Games' latest game. Meadows will also assume customer service support for Take 7 and for all previous Fun Games products.

Certain Fun Games employees will join Meadows in the move. Ms. Zinter mentioned Ken Anderson, Joe Regan and Tony Rodriguez as among those who will make the move.

The "consolidation" cannot be described as a merger, Ms. Zinter told *Play Meter*. Meadows is not taking on any of the debts or liabilities of the Oakland company.

Play Meter attempted to contact officials at Fun Games for comment on the consolidation but could reach no one for a comment before press time.

AMOA Seminar a Success

Despite extremely inclement weather and hazardous travelling conditions, close to 60 students attended the AMOA's 5th Regional Seminar, held March 11-12 at the Airport Hilton Inn, Denver, Colorado.

The AMOA seminars are conducted for owners and management personnel by the University of Notre Dame's Center for Continuing Education. Lecturers at this year's meet were Dr. Gerry Sequin, chairman of the department of management at Notre Dame and

seminar co-ordinator; Dr. John Malone, associate dean for graduate study at the College of Business Administration at ND; and security expert William D. McInerney.

Dr. Sequin's presentation was entitled "Management by Objectives and Results"; Dr. Malone talked on salesmanship; and Mr. McInerney discussed various aspects of security.

For complete coverage of the seminar, check the coming April issue of *Play Meter*.

Besides complete coverage of the recent AMOA Business Seminar, April's Play Meter will feature articles by arcade expert J.W. Sedlak, security analyst Howard Gluck, and pinball wizard Roger Sharpe. In keeping with the season, the theme of the issue is to be "Arcades." Don't miss it.



MEMBER
Volume 3/No. 6
March 15, 1977

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Coin Industry PLAY METER, March 15, 1977. Volume 3, Number 6. Copyright 1977 by Skybird Publishing Company. Full editions of *Coin Industry Play Meter* are published monthly, the first Friday of each month. The Update news edition is published monthly, the third Friday of each month. Publishing offices: 4136 Washington Ave., P.O. Box 24170, New Orleans, La. 70184. Tel.: 504/827-0320. Subscription rates: U.S. and Canada—\$25; Europe and Japan—\$45; elsewhere—\$50. One order multiple subscriptions: 2-9, \$20 each; 10-24, \$17 each; 25 or more, \$15 each. Advertising rates available on request. No part of this magazine may be reproduced without express permission. The editors are not responsible for unsolicited manuscripts. Application to mail at second class postage rates is pending at New Orleans, La. Postmaster: Send form 3579 to Play Meter, P.O. Box 24170, New Orleans, La. 70184.

TECHNICAL TOPICS

BY RANDY FROMM

One of the most important factors in the repair field is *fault diagnosis*. This holds true for all types of equipment. The competent serviceman can go right to the trouble spot and locate the problem. This enables him to make quick and accurate repairs without wasting precious time examining areas that are functioning properly. Remember, accurate knowledge = accurate repair. With that in mind, let's examine some common video game faults and their outward manifestations. We'll begin with:

The Power Supply

All T2L circuits require a precisely regulated 5-volt power supply. In

some of the early video games, this supply was taken from the monitor itself but, as the video game has grown in complexity, so has the computer board's appetite for power. Exidy's *Death Race*, for example, draws around *8 amps* of 5 volts D.C. Because of the high current demand in today's games, good power supply/P.C.B. Interface is critical. Electrical contact between connector and board must be absolute. A dirty edge connector can produce a small resistance between the supply and the board. As little as one-tenth of an ohm can produce a voltage drop across the connector of one-half volt or more.

Calendar

- July 17-19
Music Operators of Texas, annual convention. St. Anthony's Hotel, San Antonio, Texas.
- July 22-23
Montana Coin Machine Operators Association, annual convention. Outlaw Inn, Kalispell, Montana.
- September 16-18
Florida Amusement-Merchandising Association, annual convention. Deauville Hotel, Miami Beach, Florida.
- September 22-24
West Virginia Music and Vending Association, annual convention. Heart O' Town Motor Hotel, Charleston, West Virginia.
- September 23-25
North Carolina Coin Operators Association, annual meeting. Radisson Hotel, Charlotte, N.C.
- September 29-October 1
Music Operators of Virginia, annual convention. Hyatt House, Richmond, Virginia.
- October 28-30
Amusement Music Operators Association, annual convention and trade show. Conrad Hilton Hotel, Chicago, Illinois.
- April 14-25
Milan Fair (Automatics Section)
Milan, Italy.
- April 15-16
Ohio Music and Amusement Association, annual convention. Carousel Inn, Columbus, Ohio.
- May 12-15
Music & Amusement Association (NYC), convention and trade show. Stevensville Country Club, Swan Lake, New York.
- May 20-22
Music Operators of Minnesota, convention and trade show. Holiday Inn-Downtown, Minneapolis, Minn.
- June 10-12
Colorado Coin Industries, annual meeting. Holiday Inn, Glenwood Springs, Colorado.
- June 16-18
Illinois Coin Machine Operators Association, annual convention. Hospitality Motor Inn, Earth City (St. Louis), Missouri.

(That's a 10 percent voltage loss!) Further, this voltage drop produces heat which can destroy the edge connector in your game.

Some notorious offenders are Atari's Tank and Jet Fighter and Electra's Avenger. If you operate these games, keep your eye on the state of your edge connector. If it's dirty, clean it or tin it with a *small* amount of solder. (Having learned from past experiences, manufacturers are doubling up on contact area for high current flows and this doesn't seem to be a problem on newer games.)

Poor power connections can show up as bad video (distorted or broken-up picture) or, more often, no video at all. A quick voltage check on the P.C.B. will let you know if your power is getting to the board okay. If not, check backward from the board and see where you've lost it (bad connector, transformer, etc.). In most Atari games, the power supplies are integral with the P.C.B. and only require various A.C. inputs to power them. Midway, Exidy and others use an outboard power supply and run D.C. to the board. Both systems seem to work equally well, the major difference being in manufacturing costs. It's cheaper and easier to make a single board than to gear up for both logic and power supply boards.

For a closer examination of regulated power supplies, take a look at the block drawing, *Figure 1*. [Note: This discussion of power supply design will, of necessity, be brief. Many excellent texts now exist that can teach you all that you've wanted to know about power supplies, but didn't know whom to ask!] Since this is a repair oriented feature, let's concentrate on a power supply's weak points as we look at its electronic structure.

Block #1 is the *transformer*. The transformer's function is to reduce

the line voltage (117 volts A.C.) to a lower voltage for the rest of the power supply circuit. This is a very low failure item, and a bad transformer can often be diagnosed by that wonderful smokey bacon smell, so familiar to pinball mechanics as a burned coil. To check the transformer, compare the two ends of the secondary winding to the center tap. They must be exactly equal. If one side is a volt or more off in comparison to the other, you probably have shorted windings. This can cause faint to moderate hum bars—even though the rest of the power supply circuit checks out 100 percent okay.

Block #2, the *rectifier*, is a one-way gate for electron flow and changes the alternating current (A.C.) to direct current (D.C.). The rectifier diodes are a high failure item. Their failure, however, is often a function of a component failure further down the line. Since the diodes are rated at a certain maximum current, an excessive load can easily "pop" them. Before repairing blown diodes, check the rest of the circuit for shorts.

Block #3, the *filter capacitor*, is like a short-term battery that charges and discharges to provide a *constant but unregulated* voltage to the voltage regulator. While the filter capacitor is not a major failure item, it's a good idea to have a few around. When this baby fails, your monitor becomes hum bar city. Look for a white deposit or a bulge on the positive end of the can. Substitution is the best method of checking a filter capacitor.

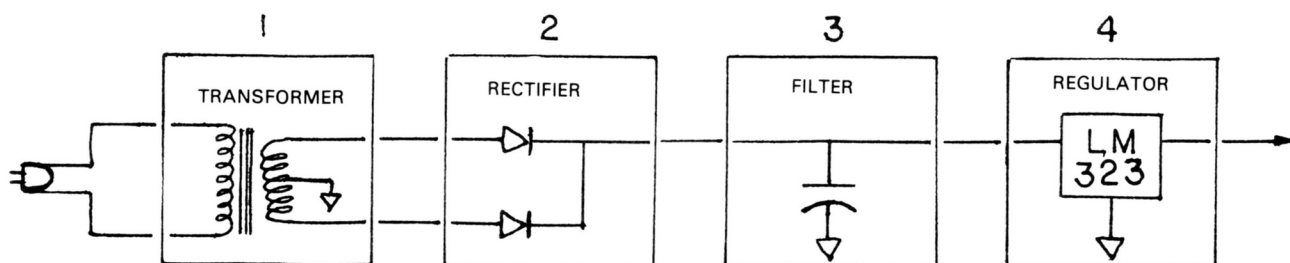
Block #4 is an *integrated voltage regulator*. The case is usually the reference input and, as such, can be grounded for simplified power supply design. The voltage regulator takes an unregulated input and spits it out at a preset voltage above its reference input. (In this case, the reference is ground or 0 volts, and

the output is 5 volts.) The voltage regulator has thermal shutdown capabilities and will turn itself off if it gets too hot. If you find the input to the regulator is good, but the output is low, pull out the regulator and replace it. If the output voltage is still low, you've got a short on the board. Feel around for a hot chip or cut power busses until the voltage comes up. The LM309 (1 amp), LM323K (3 amp), and 78H05 (5amp) voltage regulators are necessary replacement items for anyone who plans on performing any P.C.B. repair. Because of space limitations, on-board power supplies cannot be adequately heat-sunked (heat-sunk?) and this causes the regulator to run extremely hot. While this high temperature is within operational limits, I don't imagine the heat is doing the device any good. This is a common failure item. Keep a few of each type on hand.

I cannot adequately stress the importance of research. There are a myriad of publications to teach you about basic electronics. One excellent manual on power supply design is the "Voltage Regulator Handbook" that is published by National Semiconductor. This text can often be obtained free of charge from your local National Semiconductor distributor. (Just convince him that you'll buy lots of regulators from him!) The public libraries are full of books on all facets of electronics.

The technical staff at *Play Meter* will continue to bring you informative service material. But we need your response and, most of all, your questions. Please drop us a line and let us know what's bugging you about your games. Write to:

The Technical Editor
Play Meter
Box 24170
New Orleans, LA 70184




Jukebox

TITLE, ARTIST, Label, Number, (Distributing Label)
Now Was

WKS. ON
CHART

Now Was

1	1	LOVE THEME FROM "A STAR IS BORN" BARBRA STREISAND Columbia 3 10450 (2nd Week)		13	34	39	HERE COME THOSE TEARS AC
2	2	TORN BETWEEN TWO LOVERS MARY MacGREGOR/ Ariola America P 7638 (Capitol)		17	35	40	GLORIA ENCHANTMENT/United
3	4	DANCING QUEEN ABBA/Atlantic 3372		14	36	20	LOST WITHOUT YOUR LOVE B
4	12	RICH GIRL DARYL HALL & JOHN OATES/RCA PB 10860		8	37	36	AFTER THE LOVIN' ENGELBERT J
5	3	BLINDED BY THE LIGHT MANFRED MANN'S EARTH BAND/ Warner Bros. WBS 8252		19	38	34	HOT LINE SYLVERS/Capitol P 4
6	5	NIGHT MOVES BOB SEGER & THE SILVER BULLET BAND/ Capitol P 4369		16	39	43	LIVING NEXT DOOR TO ALICE,
7	8	I LIKE DREAMIN' KENNY NOLAN/20th Century TC 2287		19	40	48	RIGHT TIME OF THE NIGHT JEM
8	9	CARRY ON WAYWARD SON KANSAS/Kirshner ZS8 4267 (CBS)		13	41	33	HARD LUCK WOMAN KISS/Cas
9	11	DON'T LEAVE ME THIS WAY THELMA HOUSTON/Tamla T 54278F (Motown)		13	42	44	AT MIDNIGHT (MY LOVE WILL FEATURING
10	13	THE THINGS WE DO FOR LOVE 10CC/Mercury 73875		10	43	50	SAM OLIVIA NEWTON-JOHN/
11	10	GO YOUR OWN WAY FLEETWOOD MAC/Warner Bros. WBS 8304		12	44	81	I WANNA GET NEXT TO YOU
12	7	FLY LIKE AN EAGLE STEVE MILLER BAND/Capitol P 4372		15	45	41	BITE YOUR LIP (GET UP AND I
13	17	DON'T GIVE UP ON US DAVID SOUL/Private Stock 129		8	46	23	WALK THIS WAY AEROSMITH/
14	18	SAY YOU'LL STAY UNTIL TOMORROW TOM JONES/ Epic 8 50308		11	47	37	JEANS ON DAVID DUNDAS/C
15	6	YEAR OF THE CAT AL STEWART/Janus 266		13	48	51	MOODY BLUE/SHE THINKS I S
16	15	ENJOY YOURSELF JACKSONS/Epic 8 50289		19	49	49	WINTER MELODY/SPRING AFF
17	16	WEEKEND IN NEW ENGLAND BARRY MANILOW/Arista 0212		16	50	55	ALL STRUNG OUT ON YOU JO
18	14	NEW KID IN TOWN EAGLES/Asylum 45373		14	51	47	YOU DON'T HAVE TO BE A S MARILYN McCOO & BI
19	27	I'VE GOT LOVE ON MY MIND NATALIE COLE/Capitol P 4360		7	52	71	WHEN I NEED YOU LEO SAYE
20	19	CAR WASH ROSE ROYCE/MCA 40615		19	53	73	LIDO SHUFFLE BOZ SCAGGS/C
21	28	SO IN TO YOU ATLANTA RHYTHM SECTION/Polydor PD 14373		7	54	61	DISCO LUCY WILTON PLACE S
22	30	TRYING TO LOVE TWO WILLIAM BELL/Mercury 73839		6	55	46	SAVE IT FOR A RAINY DAY ST
23	24	LONG TIME BOSTON/Epic 8 50329		9	56	56	I CAN'T SAY NO TO YOU PAR
24	35	HOTEL CALIFORNIA EAGLES/Asylum 45386		3	57	54	REACH ORLEANS/Asylum 4537
25	29	MAYBE I'M AMAZED WINGS/Capitol SPRO 8571		6	58	59	KONG DICKIE GOODMAN/Sh
26	26	CRACKERBOX PALACE GEORGE HARRISON/Dark Horse DRC 8313 (WB)		8	59	53	DAZZ BRICK/Bang 727
27	25	BOOGIE CHILD BEE GEES/RSO 867 (Polydor)		9	60	64	BE MY GIRL DRAMATICS/ABC
28	42	SOUTHERN NIGHTS GLEN CAMPBELL/Capitol P 4376		4	61	58	LIVIN' THING ELECTRIC LIGHT
29	32	DO YA ELECTRIC LIGHT ORCHESTRA/United Artists XW939 Y		6	62	52	TONIGHT'S THE NIGHT (GON ROD STEWAR
30	31	FREE DENIECE WILLIAMS/Columbia 3 10429		19	63	60	I NEVER CRY ALICE COOPER/V
31	22	YOU MAKE ME FEEL LIKE DANCING LEO SAYER/ Warner Bros. WBS 8283		23	64	68	PHANTOM WRITER GARY WRI
32	21	I WISH STEVIE WONDER/Tamla T 54274F (Motown)		16	65	70	SOMETIMES FACTS OF LIFE/Ka
33	38	THE FIRST CUT IS THE DEEPEST ROD STEWART/ Warner Bros. WBS 8321		6	66	45	THE RUBBERBAND MAN SPINN
					67	75	MAGICAL MYSTERY TOUR AMB
					68	83	CALLING DR. LOVE KISS/Casal
					69	72	SOMETHING 'BOUT 'CHA LATI
					70	79	THERE WILL COME A DAY (I'M SMOKEY ROBINSON,

Charts court

TOP 100

	WKS ON CHART
GAIN JACKSON BROWNE/ Asylum 45379	7
d Artists XW912 Y	9
READ/Elektra 45365	17
HUMPERDINCK/Epic 8 50270	21
4336	22
SMOKIE/RSO 860 (Polydor)	15
INIFER WARNES/Arista 0223	4
ablanca 873	13
LIFT YOU UP) RUFUS CHAKA KHAN/ABC 12239	7
MCA 40670	6
ROSE ROYCE/MCA 40662	2
DANCE) ELTON JOHN/ MCA/Rocket 40677	6
Columbia 3 10449	18
Chrysalis 2094	22
STILL CARE ELVIS PRESLEY/ RCA PB 10857	10
AIR DONNA SUMMER/ Casablanca NB 874	7
HN TRAVOLTA/Midsonq Intl. 10907 (RCA)	4
STAR (TO BE IN MY SHOW) LILLY DAVIS, JR./ABC 12208	28
R/Warner Bros. WBS 8332	4
Columbia 3 10491	2
TREET BAND/Island 078	4
EPHEN BISHOP/ABC 12232	16
KER McGEE/Big Tree BT 16082 (Atlantic)	7
5	7
ock SH 6 (Janus)	7
12235	27
12235	13
ORCHESTRA/United Artists XW888 Y	21
NA BE ALRIGHT) RT/Warner Bros. WBS 8262	25
Warner Bros. WBS 8228	26
GHT/Warner Bros. WBS 8331	4
yvette 5128 (TK)	5
ERS/Atlantic 3355	27
ROSIA/20th Century TC 2327	3
ablanca 880	2
MORE/Glades 1739 (TK)	7
GONNA HAPPEN TO YOU) /Tamla T 54279F (Motown)	3

Now Was

WKS ON CHART

CHARTMAKER OF THE WEEK

71 — YOUR LOVE
MARILYN MCCOO &
BILLY DAVIS, JR
ABC 12262



1

72	57	SORRY SEEMS TO BE THE HARDEST WORD	ELTON JOHN/ MCA/Rocket 40645	19
73	62	AIN'T NOTHIN' LIKE THE REAL THING	DONNY & MARIE/ Polydor PD 14363	18
74	85	ANGEL IN YOUR ARMS	HOT/Big Tree BT 17085 (Atlantic)	3
75	78	DEDICATION	BAY CITY ROLLERS/Arista 0233	4
76	87	I'M YOUR BOOGIE MAN	KC & THE SUNSHINE BAND/ TK 1022	3
77	63	STAND TALL	BURTON CUMMINGS/Portrait 6 77001	25
78	95	COULDN'T GET IT RIGHT	CLIMAX BLUES BAND/Sire 736 (ABC)	3
79	88	ROCK & ROLL STAR	CHAMPAGNE/Ariola America P7658 (Capitol)	2
80	—	AIN'T GONNA BUMP (WITH NO BIG FAT WOMAN)	JOE TEX/Epic 8 50313	1
81	84	ROOTS MEDLEY	QUINCY JONES/S&M 1909	3
82	86	I'LL BE STANDING BY	FOGHAT/Bearsville 0315 (WB)	3
83	—	WHODUNIT	TAVARES/Capitol 4398	1
84	98	YOU + ME = LOVE	UNDISPUTED TRUTH/Whitfield 8231 (WB)	2
85	—	CHERRY BABY	STARZ/Capitol 4399	1
86	91	IF YOU'VE GOT THE TIME	THE BABYS/Chrysalis 2132	2
87	92	I WANNA DO IT TO YOU	JERRY BUTLER/Motown M 1414F	3
88	—	DANCIN' MAN "Q"	Epic/Sweet City 8 50335	1
89	93	HEARD IT IN A LOVE SONG	MARSHALL TUCKER BAND/ Capricorn CPS 0270 (WB)	2
90	—	LUCILLE	KENNY ROGERS/United Artists XW929 Y	1
91	94	LOVE IS BETTER IN THE A.M.	JOHNNIE TAYLOR/Columbia 3 10478	3
92	99	REACHING FOR THE WORLD	HAROLD MELVIN & THE BLUENOTES/ABC 12240	2
93	—	OLD FASHIONED BOY (YOU'RE THE ONE)	STALLION/ Casablanca 877	1
94	—	TIE YOUR MOTHER DOWN	QUEEN/Elektra 45385	1
95	96	YOU GOT ME DANCING	ANDREA TRUE CONNECTION/ Buddah 564	2
96	—	YOUR OWN SPECIAL WAY	GENESIS/Atco 7076	1
97	—	YOU KNOW LIKE I KNOW	OZARK MOUNTAIN DAREDEVILS/ A&M 1888	1
98	—	THEME FROM "CHARLIE'S ANGELS"	HENRY MANCINI/ RCA 10888	1
99	—	DANCIN' CROWN HEIGHTS AFFAIR	De-Lite 1588	1
100	—	LONELY BOY	ANDREW GOLD/Asylum 45384	1

esy of



music programming

LOST IN THE CROWD?

by michael b. klein



If I may, I would like to paraphrase an old saying. There's sound, and then there's sound. And with all of the heavy lps that are coming out and becoming million sellers before they're even in the record stores, we tend to overlook the artist that may have been lost in the crowd. I would like to run down a few of this type of single, and I even have a comment about one of the best, if more obscure, albums I have ever heard. But first things first . . . the singles. And maybe after reading this, you'll get the "rush" we call better sound.

Talkin' Too Much About My Baby—Charter Sisters/Polydor PD 14378

Here are some very invigorating and original answers to musical mediocrity. The Charter Sisters' music is a highly charged combination of southern funk and slick soul. This uptempo rocker has super-tight back up and vocals. There's a jazzy edge to the tune, with a punch that keeps the beat alive and embedded in rock and roll. Thus it will appeal to both rock and soul groupies. Give it a listen: you'll agree . . . the Charter Sisters are giving new life to an already lively music. Yes indeed.

Come Out and Play—Roy Ayers Ubiquity/Polydor PD 14379

Veteran jazzman Roy Ayers has been exploring the new wave of music called fusion in his last couple of lps as well as in his singles. And he certainly has it down. Down tight, and right.

Roy just shines and shines on this track, pouring out heavy doses of uptempo funk. This single is a perfect example of Roy's music; it suggests where he's been, as well as introducing some new uncharted territory. If the record buying public, as well as your customers, are as sophisticated as they would lead us to believe, this single should do well for you.

Do You Ever Think of Me?—Myra Ciardi/Polydor PD 14375

Lest I be accused of being sexist, I must mention a very strong first single by this lady. This tune is a finalist in the American Song Festival competition, but that's really beside the point: it's a good tune whether or not it's in the festival.

The familiar guitar on this side is none other than Joe Beck, who, through his nimble fingers, adds some much needed spice to the tune. Ciardi comes across emphatic and aggressive with her touching lyrics. I feel that this single won't be

a hit, but I hope I'm wrong: it deserves listening. But if this one doesn't make it, you should still keep a good eye on Myra; I'll bet her next single takes off straight to the top of the charts.

As you are aware, I don't review lps in this column, but every so often I stumble across one that I just can't help mentioning. Very rarely do I get so turned on by an artist that I can't seem to get enough, but such is the case with a poet/writer/singer named Tom Waits. The man is brilliant! He's a prophet and he writes lyrics that can knock you out.

Here is a sampling of titles from his new *Small Change* album on Asylum Records. "Bad Liver and a Broken Heart," "The Piano Has Been Drinking (Not Me)," "Pasties and a G-String (At the Two O'Clock Club)." This listing will give you some idea of where Waits is.

His music soars, depresses and takes you into the inner mind where anything can happen . . . and frequently does.

The lp is beautifully arranged, complete with full strings and on the drums the master, Shelly Manne. If you buy only one lp for your own collection this year, this is the one to buy.

Hit Picks



Popular

- CALLING DR. LOVE** Kiss/Casablanca 880
- TIE YOUR MOTHER DOWN** Queen/Elektra 45385
- THEME FROM ROOTS** Quincy Jones/A&M 1909
- WHODUNIT** Tavares/Capitol 4398
- SOUND AND VISION** David Bowie/RCA 10905
- MAGICAL MYSTERY TOUR** Ambrosia/20th Century 2327
- TEACH ME TONIGHT** Phoebe Snow/Columbia 10504
- THEME FROM "CHARLIE'S ANGELS"** Henry Mancini/RCA 10888
- SING** Tony Orlando & Dawn/Elektra 45387
- CINDERELLA** Firefall/Atlantic 3388
- HEARD IT IN A LOVE SONG** Marshall Tucker Band/Capricorn 0270
- HELLO STRANGER** Yvonne Elliman/RSO 871
- LADY LUCK** Ritchie Family/Marlin 3309

Country

- SLIDE OFF OF YOUR SATIN SHEETS** Johnny Paycheck/Epic 50334
- ANYTHING BUT LEAVIN'** Larry Gatlin/Monument 212
- I'M SORRY FOR YOU** Moe Bandy/Columbia 10487
- LOOK WHO I'M CHEATING ON** Bobby Bare/RCA 10902
- LOVING ARMS** Sammi Smith/Elektra 45374
- LOVE'S EXPLOSION** Margo Smith/Warner Bros. 8339
- I'LL DO IT ALL OVER AGAIN** Crystal Gayle/United Artists 948

Soul

- LOVE IN "C" MINOR** Cerrone/Cotillion 44215
 - THE PINOCCHIO THEORY** Bootsy's Rubber Band/Warner Bros. 8328
 - FREE LOVE** Jean Carn/Phila. Int'l. 3614
 - CLOUDY** AWB/Atlantic 3388
 - LOVE IN "C" MINOR** Heart & Soul Orch./Casablanca 876
 - JUST ONE STEP** Little Milton/Glades 1741
- courtesy of **STERLING TITLE STRIP CO., INC.**
1175 Broad Street, Newark, N.J. 07114

Top Twenty Country

Top Twenty Soul



Now	Was	
1	5	SHE'S JUST AN OLD LOVE TURNED MEMORY CHARLEY PRIDE/RCA PB 10875
2	8	SOUTHERN NIGHTS GLEN CAMPBELL/Capitol 4376
3	3	TORN BETWEEN TWO LOVERS MARY MacGREGOR/Ariola America 7638
4	2	SAY YOU'LL STAY UNTIL TOMORROW TOM JONES/Epic 8 50308
5	7	DESPERADO JOHNNY RODRIGUEZ/Mercury 73878
6	10	LUCILLE KENNY ROGERS/United Artists XW929 Y
7	1	HEART HEALER MEL TILLIS/MCA 40667
8	14	IT COULDN'T HAVE BEEN ANY BETTER JOHNNY DUNCAN/Columbia 3 10474
9	13	YOU'RE FREE TO GO SONNY JAMES/Columbia 3 10466
10	15	ADIOS AMIGO MARTY ROBBINS/Columbia 3 10472
11	4	MOODY BLUE ELVIS PRESLEY/RCA PB 10857
12	19	PAPER ROSIE GENE WATSON/Capitol 4378
13	17	DON'T THROW IT ALL AWAY DAVE & SUGAR/RCA PB 10876
14	18	EASY LOOK CHARIE RICH/Epic 8 50328
15	16	I JUST CAME HOME TO COUNT THE MEMORIES CAL SMITH/MCA 40671
16	25	MOCKINGBIRD HILL DONNA FARGO/Warner Bros. WBS 8305
17	23	I'M NOT EASY BILLIE JO SPEARS/United Artists XW935 Y
18	20	HE'LL PLAY THE MUSIC LITTLE DAVID WILKINS/MCA 40668
19	21	I'M GONNA LOVE YOU RIGHT OUT OF THIS WORLD DAVID ROGERS/Republic IRDA 343
20	22	WRAP YOUR LOVE ALL AROUND YOUR MAN LYNN ANDERSON/Columbia 3 10467

Now	Was	
1	1	I'VE GOT LOVE ON MY MIND NATALIE COLE/Capitol P 4360
2	2	SOMETIMES FACTS OF LIVE/Kayvette 5128 (TK)
3	5	TRYING TO LOVE TWO WILLIAM BELL/Mercury 73839
4	3	GLORIA ENCHANTMENT/United Artists XW912 Y
5	4	DON'T LEAVE ME THIS WAY THELMA HOUSTON/Tamla T 54278F (Motown)
6	10	AT MIDNIGHT (MY LOVE WILL LIFT YOU UP) RUFUS FEATURING CHAKA KHAN/ABC 12239
7	6	SOMETHING 'BOUT 'CHA LATIMORE/Glades 1739 (TK)
8	7	BE MY GIRL DRAMATICS/ABC 12235
9	8	I WISH STEVIE WONDER/Tamla T 54274F (Motown)
10	9	FREE DENIECE Williams/Columbia 3 10429
11	14	LOVE IS BETTER IN THE A.M. JOHNNIE TAYLOR/Columbia 3 10478
12	11	CAR WASH ROSE ROYCE/MCA 40615
13	12	DAZZ BRICK/Bang 727
14	17	REACHING FOR THE WORLD HAROLD MELVIN & THE BLUE NOTES/ABC 12240
15	13	BODYHEAT JAMES BROWN/Polydor 14360
16	22	I WANNA GET NEXT TO YOU ROSE ROYCE/MCA 40662
17	15	WINTER MELODY/ SPRING AFFAIR DONNA SUMMER/Casablanca 874
18	16	LOOK INTO YOUR HEART ARETHA FRANKLIN/Atlantic 3373
19	21	DANCIN' CROWN HEIGHTS AFFAIR/De-Lite DE 1588
20	27	THERE WILL COME A DAY (I'M GONNA HAPPEN TO YOU) SMOKEY ROBINSON/Tamla T 54279 (Motown)

CLASSIFIED:

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SALE: BIMBO-SINGING AND DANCING CLOWN (4), like new, \$395.00 ea. UBI Sportcard, like new, 4-player game (6) at \$595.00 ea. Home New Jordon Air Hockey and Sardi Soccer. Write for prices. MSD DIST., 1010 Hudson St., Union, N.J. 07083.

PINBALL MACHINES WANTED. Mostly interested in older working machines to be resold for home use. Price Range \$150-\$225. Send list to NEP DISTRIBUTORS, P.O. Box 304, Hooksett, N.H. 03106.

PINBALLS, LARGE SELECTION, ALL TYPES, all ages, as is or shopped. WANTED: Wurlitzer 1050, 78 rpm jukeboxes, older games in crates. Call collect. 313/792-2131.

FOOSBALL GLOVES. Men's cowhide leather palm with lycra on the back, velcro fastener on back. Sizes: Small, Medium, Large. \$42.50 doz. B & H ENTERPRISES, P.O. Box 386, Selah, Wash. 98942.

WANTED PRE-1941 SLOT MACHINES. Quantity or individually. Absolutely top \$\$\$\$ paid. To be used for resale for home use only. FAMILY AMUSEMENT CORPORATION, 870 N. Vermont Ave., Los Angeles, Cal. 90029. Tel. 213/660-8180.

WANTED: WILL TRADE OR PURCHASE original 1950-1970 Gottlieb, Williams and Bally pinball game brochures or flyers. Write: Don Murphy, 2015 N. Holmar Ave., Chicago, Ill. 60639.

WANTED: USED BINGOS, gaming devices and pin games for export. Contact: OUTRAGEOUS PRODUCTS, 2201 SW 43 Way, Ft. Lauderdale, Fla. 33317.

MUTOSCOPES WANTED: Please let us know if you have any mutoscopes and/or reels for sale. Any model or year wanted, but older machines preferred. FUNCO, P.O. Box 5713, Phoenix, Ariz. 85010.

WANTED: Backglass for Williams Pot-o-Gold. Reply: YESTERDAYS, 457 Eastern ByPass, Richmond, Ky. 40475.

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WANTED: Early vending, amusement, gaming, music machines. Also, magazines and brochures dealing with coin operated machines. Top prices paid. MELVIN GETLAN 100 North Central Avenue Hartsdale, NY 10530 (914)428-2600.

TRAINING for repair, maintenance, trouble shooting on electronic-video, pinballs, bingo's, arcade, amusement, music, machines. Certified BALLY school. NEVADA GAMING SCHOOLS, P.O. Box 15407, Las Vegas, Nevada, 89114. Tel. 702/873-2345

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D.R.A. PRICE GUIDE offers complete up to date information on price values of used equipment. For free sample 1/2 booklet write—DISTRIBUTORS RESEARCH 262 N.W. 29th St., Miami, Fla. 33127.

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