

## VINTAGE ECHOES OF HANK B MARVIN AND THE SHADOWS

### Introduction

This is about the vintage echoes that are part of the signature sound of Hank Marvin the lead guitarist of The Shadows. The Shadows had a string of instrumental hits in the U.K. and Europe over several decades from the early 60s. There continue to be many, many tribute groups.

### jPatches

I have been using a Yamaha Magicstomp pedal to emulate the Hank Marvin echoes. The Magicstomp was loaded with 90+ serial "jPatch" delay patterns which are freely available for download for various pedals (not Kemper), covering just about every Shadows track recorded.

jPatches are accurately based on vintage tape echo machines and were researched and programmed by Piet Verbruggen and Jacob Heijer. More information can be found on their Echo Tapper website [http://www.echotapper.nl/wp/?page\\_id=840](http://www.echotapper.nl/wp/?page_id=840). I got in touch with Piet with a view to creating the equivalent patches for the Kemper using its **Serial Rhythm Delay (SRD)** module. Piet suggested I download a free VST plug-in (eTAP2 Engineer) <http://www.echotapper.nl/etap2/etap2doc/> from which various jPatch parameters could be read. I am only a translator and all tribute must go to Piet and Jacob for the research. Any inaccuracies are likely to be mine.

### Getting the Hank Marvin/Shadows' echoes onto the Kemper

I have since translated the main jPatch parameters into serial delay patterns on the Kemper. These seek to re-create the sounds of 5 vintage echo machines in various head, tape speed and volume combinations to give a total of 13 patterns that underpin the Hank Marvin echoes. TABLE 2 shows detail if you're interested.

I have uploaded 13 profiles with these patterns in the delay slot on Rig Manager using the Delay Preset Name as the profile name. I have preset these serial delays with mix and feedback settings for specific Shadows tracks, but these presets can be adjusted to suit many other tracks per table 3. Mix settings have been adjusted to my own personal taste (per "My Mix"). The tracks are shown below (Table 1). I think Hank mainly used a single coil Strat and pick up positions are 1 = bridge to 5 = neck). I believe he also backed off the tone knob.

***Reverb should not be needed as I understand none was used in the original recordings of Hank's guitar.***

TABLE 1

Delay Profile Name	Name	Jpatch Mix	My Mix	Feedback	PuP Pos
DLY PCB 01	The Young Ones	89.50%	60.00%	1.90%	3
DLY PCB 02	Apache	100.00%	100.00%	1.90%	1
DLY PCB 03	Midnight	60.20%	75.00%	34.30%	1
DLY PCB 04	FBI	43.50%	75.00%	20.00%	1
DLY PCB 05	Theme From The Boys	34.30%	55.00%	34.30%	5
DLY PCB 06	Kon-Tiki	50.00%	70.00%	34.30%	1
DLY PCB 07	Wonderful Land	85.10%	90.00%	26.70%	1
DLY PCB 08	Heartbeat	53.70%	53.70%	1.90%	
DLY PCB 09	Nights In White Satin	84.70%	84.70%	29.60%	
DLY PCB 10	Summer Holiday	35.50%	35.50%	22.90%	1
DLY PCB 11	Dance On	40.70%	65.00%	17.20%	3
DLY PCB 12	Wheels	31.50%	65.00%	14.30%	
DLY PCB 13	The Theme From The Deer Hunter	48.50%	48.50%	40.10%	1

**TABLE 2**

If you are interested in the detail.....

<b>Echo Machine Name</b>	<b>Low Cut</b>	<b>High Cut</b>	<b>Delay Profile Name</b>	<b>Delay1 Ratio</b>	<b>Delay 2 Ratio</b>	<b>Delay 3 Ratio</b>	<b>Delay 4 Time</b>	<b>Volume 1</b>	<b>Volume 2</b>	<b>Volume 3</b>	<b>Volume 4</b>
Binson Echorec Export	110	2313	DLY PCB 01	0.0%	0.0%	0.0%	426	0	0	0	10
Meazzi Echomatic 1 Disk Echo	70	4309	DLY PCB 02	0.0%	20.8%	71.7%	600	0	10	5.1	5.5
Meazzi Echomatic 2 Disk Echo	70	4309	DLY PCB 03	0.0%	0.0%	78.9%	355	0	0	5.6	10
			DLY PCB 04	0.0%	56.3%	78.9%	355	0	7.1	4.9	10
			DLY PCB 05	28.2%	56.3%	78.9%	355	6.2	6.8	4.5	10
			DLY PCB 06	28.2%	56.3%	78.9%	355	6.2	6.8	4.6	10
			DLY PCB 07	28.2%	56.3%	78.9%	355	6.2	6.8	5.4	10
Meazzi Echomatic PA304	42	1956	DLY PCB 08	0.0%	0.0%	33.3%	420	0	0	10	10
			DLY PCB 09	0.0%	0.0%	83.3%	420	0	0	5	10
			DLY PCB 10	0.0%	33.3%	83.3%	420	0	10	4.4	10
			DLY PCB 11	0.0%	66.7%	83.3%	420	0	4.7	4.7	10
			DLY PCB 12	40.0%	60.0%	80.0%	350	6.8	7.2	4.9	10
Roland RE-301 Chorus Echo	118	4595	DLY PCB 13	0.0%	40.0%	80.0%	350	0	10	3.2	9.3

I have uploaded the above delay modules as rigs on Rig Manager using the Delay Module Name as the Rig Name.  
The delay module is in the delay slot so that mix can be adjusted to taste from the Kemper front panel.  
I do not recommend adjusting the feedback.

## Choose any Shadows track and play.

Table 3 below shows the relevant DLY PCB profile number per table 1 above plus specific mix and feedback settings (SRD Page1 or direct from the Kemper front panel) for virtually every Shadows track recorded. For many tracks there are 2 or 3 presets to choose from, so you can try which you like to achieve the closest sound.

The data comes from a table on the Echo Tapper website. I recommend keeping the preset in the delay slot of the Kemper so that the mix control is immediately available on the front panel. I adjust the mix settings to personal taste as necessary but recommend leaving the feedback unchanged. Table 3 also shows suggested Stratocaster pickup selector settings with 1 as bridge to 5 as neck.

Find your "Song/Track Name" below and identify the relevant delay profile name open the profile from Rig Manager then dial in the corresponding mix and feedback settings from the table below. I found it necessary to adjust the mix % from time to time, to match my perception of the original track. Hope you enjoy

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
A Hard Days Night	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
A Kiss From A Rose	DLY PCB 11	50.8%	14.3%	
A Place In The Sun	DLY PCB 09	38.0%	27.7%	4
	DLY PCB 11	26.9%	17.2%	4
	DLY PCB 12	18.6%	13.4%	4
A Sigh	DLY PCB 11	53.1%	20.0%	5
	DLY PCB 12	31.5%	14.3%	5
A Thing Of Beauty	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Adios Muchachos	DLY PCB 05	34.3%	34.3%	5/1
Africa	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Ain't No Sunshine	DLY PCB 11	50.8%	14.3%	
Albatross	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Alentejo	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Alice In Sunderland	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
All Day	DLY PCB 07	24.6%	28.6%	
	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
All I Ask Of You	DLY PCB 11	53.1%	20.0%	1

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
Another Night	DLY PCB 12	31.5%	14.3%	
Apache	DLY PCB 02	100.0%	1.9%	1
Arty's Party	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Atlantis	DLY PCB 06	50.0%	26.7%	5/1
Back Home	DLY PCB 06	50.0%	26.7%	3
	DLY PCB 09	84.7%	29.6%	3
	DLY PCB 11	53.1%	20.0%	3
Banana Man	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Because They're Young	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Besame Mucho	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Black Is Black	DLY PCB 09	84.7%	13.4%	1
Blue Shadows	DLY PCB 06	50.0%	26.7%	5
	DLY PCB 09	84.7%	29.6%	5
	DLY PCB 11	53.1%	20.0%	5
Blue Sky, Blue Sea, Blue Me	DLY PCB 09	84.7%	29.6%	6
Blue Star	DLY PCB 06	50.0%	26.7%	3
Bossa Roo	DLY PCB 09	38.0%	27.7%	3
	DLY PCB 11	26.9%	17.2%	3
	DLY PCB 12	18.6%	13.4%	3
Brazil	DLY PCB 04	34.9%	36.3%	6
Breakthru'	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Bright Eyes	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Candle In The Wind	DLY PCB 09	63.8%	38.2%	1
Chattanooga choo-choo	DLY PCB 04	37.3%	20.0%	3
Chelsea Boot	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Chu-chi	DLY PCB 11	40.7%	17.2%	3
Classical Gas*	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Cosy	DLY PCB 04	43.5%	36.3%	5
Cotton Pickin'	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Dakota	DLY PCB 06	50.0%	26.7%	
	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
Dance On	DLY PCB 11	40.7%	17.2%	3
Dance To The Guitar Man	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Deep Purple	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Diamonds	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Do Y0u Wanna Dance-Cliff Richard	DLY PCB 09	38.0%	27.7%	1
	DLY PCB 12	18.6%	13.4%	1
Don't Cry For Me Argentina	DLY PCB 09	84.7%	22.9%	1
Don't Talk To Him (Cliff Richard)	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Driftin'	DLY PCB 07	24.6%	28.6%	
	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
Equinoxe Part V	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
	DLY PCB 13	37.5%	16.2%	
Everything I Do (I Do It For You)	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Fandango	DLY PCB 07	38.5%	1.9%	3
FBI	DLY PCB 04	43.5%	20.0%	1
Find Me A Golden Street	DLY PCB 06	38.4%	33.4%	3
Fly Me To The Moon	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Foot Tapper	DLY PCB 04	21.4%	28.6%	5
French Dressing	DLY PCB 07	24.6%	28.6%	2
	DLY PCB 09	38.0%	27.7%	2
	DLY PCB 11	26.9%	17.2%	2
Friends	DLY PCB 09	38.0%	27.7%	2
	DLY PCB 11	26.9%	17.2%	2
	DLY PCB 12	18.6%	13.4%	2
Genie with the light brown lamp	DLY PCB 04	34.7%	24.8%	6
Geronimo	DLY PCB 11	26.9%	20.0%	3
Goldfinger	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Gonzales	DLY PCB 04	32.0%	21.0%	1
Granada	DLY PCB 07	34.2%	26.7%	1/3
Guitar Tango	DLY PCB 04	21.4%	20.0%	5
Hawaii Five O	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
He Ain't Heavy He's My Brother*	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Heartbeat	DLY PCB 08	53.7%	1.9%	
High and the mighty	DLY PCB 04	43.5%	28.6%	5
How Deep Is Your Love	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
How Do I Love Thee	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
I Know Him So Well	DLY PCB 09	84.7%	29.6%	1
I Love You (Cliff Richard)	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
I Wish I Could Shimmy	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Imagine-Woman	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
In The Mood	DLY PCB 06	50.0%	26.7%	5
	DLY PCB 09	84.7%	29.6%	5
	DLY PCB 11	53.1%	20.0%	5
It Doesn't Matter Anymore	DLY PCB 09	38.0%	38.2%	1
	DLY PCB 11	26.9%	23.9%	1
	DLY PCB 12	18.1%	15.7%	1
It's A Man's World	DLY PCB 04	21.4%	20.0%	6
It's Been A Blue Day	DLY PCB 04	34.9%	36.3%	6
James Bond Medley	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Janine	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Jessica	DLY PCB 10	35.5%	18.1%	1
Jigsaw	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Kon-Tiki	DLY PCB 06	50.0%	34.3%	1
La Bamba	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
La Comparsa	DLY PCB 09	57.0%	22.9%	1
Lady Penelope	DLY PCB 12	25.1%	13.9%	
Las Tres Carabellas	DLY PCB 07	34.2%	26.7%	5
Les Girls	DLY PCB 01	89.5%	1.9%	3
Listen To Me	DLY PCB 11	53.1%	20.0%	
Little Princess	DLY PCB 06	50.0%	26.7%	5
	DLY PCB 09	84.7%	29.6%	5

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
Little Princess	DLY PCB 11	53.1%	20.0%	5
Live Let Die	DLY PCB 09	38.0%	38.2%	1
	DLY PCB 11	26.9%	23.9%	1
	DLY PCB 12	18.1%	15.7%	1
Local Heroes	DLY PCB 09	63.7%	29.6%	1
Lost City	DLY PCB 09	63.7%	29.6%	1
Love Is All Around	DLY PCB 11	50.8%	14.3%	
Maggies Samba	DLY PCB 09	84.7%	29.6%	4
	DLY PCB 11	53.1%	20.0%	4
	DLY PCB 12	31.5%	14.3%	4
Maid Marion's Theme	DLY PCB 09	84.7%	29.6%	4
	DLY PCB 11	53.1%	20.0%	4
	DLY PCB 12	31.5%	14.3%	4
Main Theme	DLY PCB 07	24.6%	28.6%	1
	DLY PCB 09	38.0%	27.7%	1
	DLY PCB 11	26.9%	17.2%	1
Man Of Mystery	DLY PCB 02	100.0%	1.9%	1
Maria Elena	DLY PCB 09	84.7%	29.6%	6
Maroc 7	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Memory	DLY PCB 09	63.8%	38.2%	1
Midnight	DLY PCB 03	60.2%	34.3%	1
Misty	DLY PCB 01	89.5%	1.9%	
	DLY PCB 12	26.3%	1.0%	
Moonlight Shadow	DLY PCB 11	40.7%	20.0%	1
Mountains Of The Moon	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Move It (Cliff Richard)	DLY PCB 01	89.5%	1.9%	1
	DLY PCB 12	26.3%	1.0%	1
Mozart Forte	DLY PCB 08	53.7%	1.9%	
Music Of The Night	DLY PCB 09	84.7%	29.6%	1
Mustang	DLY PCB 02	100.0%	1.9%	1
My Grandfathers Clock	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
My Heart Will Go On (Titanic Theme)	DLY PCB 11	50.8%	14.3%	
My Resistance Is Low	DLY PCB 06	50.0%	26.7%	3
	DLY PCB 09	84.7%	29.6%	3
	DLY PCB 11	53.1%	20.0%	3
National Provincial Samba	DLY PCB 09	38.0%	27.7%	3
	DLY PCB 11	26.9%	17.2%	3
	DLY PCB 12	18.6%	13.4%	3
Naughty Nippon Nights	DLY PCB 01	89.5%	1.9%	
	DLY PCB 12	26.3%	1.0%	
Nights In White Satin	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Nivram	DLY PCB 04	21.4%	24.8%	4

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
No Dancing*	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Now That You're Gone	DLY PCB 09	84.7%	29.6%	2
	DLY PCB 11	53.1%	20.0%	2
	DLY PCB 12	31.5%	14.3%	2
Oh Boy	DLY PCB 09	84.7%	29.6%	1
	DLY PCB 11	53.1%	20.0%	1
	DLY PCB 12	31.5%	14.3%	1
Our Albert	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Outdigo	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Parisienne Walkways	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Peace Pipe	DLY PCB 06	85.1%	29.6%	5
Perfidia	DLY PCB 07	85.1%	26.7%	5
Pipeline	DLY PCB 01	89.5%	1.9%	
	DLY PCB 12	26.3%	1.0%	
Poem	DLY PCB 09	38.0%	38.2%	4
	DLY PCB 11	26.9%	23.9%	4
	DLY PCB 12	18.1%	15.7%	4
Quatermaster's stores	DLY PCB 02	100.0%	1.9%	1
Razzmataz	DLY PCB 07	24.6%	28.6%	
	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
Rebel Rouser	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Return To The Alamo	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Riders In The Sky	DLY PCB 11	53.1%	20.0%	1
Riders Of The Range	DLY PCB 09	63.8%	38.2%	1
Rodrigo's Guitar Concerto d'Aranju	DLY PCB 09	84.7%	29.6%	1
Round and round	DLY PCB 01	89.5%	1.9%	3
Rounding the Cape	DLY PCB 13	48.4%	25.8%	
Sacha	DLY PCB 09	84.7%	29.6%	6
Santa Ana	DLY PCB 09	84.7%	29.6%	1
	DLY PCB 11	53.1%	20.0%	1
	DLY PCB 12	31.5%	14.3%	1
Saturday Night At The Duck Pond	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Scarlet O'hara	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	



<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
Sealed With A Kiss	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Semi Detached Suburban Mr James	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Shadoogie	DLY PCB 07	34.3%	21.0%	1
Shadoogie '83	DLY PCB 11	39.3%	15.3%	1
Shazam	DLY PCB 11	40.7%	17.2%	6
Shindig	DLY PCB 11	53.1%	20.0%	3
Shotgun	DLY PCB 07	24.6%	28.6%	
	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
Slaughter On Tenth Avenue	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Sleepwalk	DLY PCB 03	76.0%	22.9%	3
Some Are Lonely	DLY PCB 07	24.6%	34.3%	5
	DLY PCB 09	38.0%	38.2%	5
	DLY PCB 11	26.9%	23.9%	5
Somewhere	DLY PCB 09	63.8%	38.2%	6
Son Of A Preacher Man	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Song For Duke	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Song Of Mexico (Tony Meehan)	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
South of the border	DLY PCB 06	35.5%	20.0%	2
Spring Is Nearly Here	DLY PCB 06	38.4%	33.4%	5
Stardust	DLY PCB 09	84.7%	29.6%	6
Stars fell on Stockton	DLY PCB 04	98.1%	28.6%	5
Summer Holiday	DLY PCB 10	35.5%	22.9%	1
Summer Love 59	DLY PCB 09	84.7%	29.6%	5
	DLY PCB 11	53.1%	20.0%	5
	DLY PCB 12	31.5%	14.3%	5
Sweet Dreams	DLY PCB 03	75.9%	26.7%	5
Tales Of A Raggy Tramline	DLY PCB 04	32.0%	28.6%	3
Telstar	DLY PCB 09	84.7%	29.6%	1
Temptation	DLY PCB 06	50.0%	26.7%	
	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
Temptation (80's Version)	DLY PCB 06	50.0%	26.7%	
	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
Tennessee Waltz	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
That'll Be The Day	DLY PCB 12	31.5%	14.3%	1
The Boys	DLY PCB 06	34.2%	1.9%	3
The Breeze and I	DLY PCB 06	50.0%	34.3%	1/3/5
The Cruel Sea	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
The Flyder & The Spy	DLY PCB 09	38.0%	27.7%	3
	DLY PCB 11	26.9%	17.2%	3
	DLY PCB 12	18.6%	13.4%	3
The Frightened City	DLY PCB 04	21.4%	20.0%	3
The Girls	DLY PCB 03	75.9%	26.7%	5
The Good The Bad And The Ugly	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
The Lonely Bull	DLY PCB 04	34.9%	36.3%	6
The Lute Number	DLY PCB 06	50.0%	26.7%	
	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
The Magic Doll	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
The Miracle	DLY PCB 06	50.0%	26.7%	6
The Old Romantics	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
The Rise And Fall Of Flingel Bunt	DLY PCB 06	31.6%	5.7%	5
The Rumble	DLY PCB 04	34.7%	24.8%	3
The Savage	DLY PCB 06	50.0%	26.7%	1
The Storm	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
The Stranger	DLY PCB 02	100.0%	1.9%	1
The Theme From The Deer Hunter	DLY PCB 13	48.5%	40.1%	1
The Third Man	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
The Windjammer	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
The Young Ones	DLY PCB 10	35.5%	22.9%	1
	DLY PCB 12	26.3%	1.0%	3
	DLY PCB 01	89.5%	1.9%	3
Theme For Young Lovers	DLY PCB 06	50.0%	26.7%	1
Theme From A Filleted Plaice	DLY PCB 04	34.7%	24.8%	3
Theme From Eastenders: Howard's Way	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Theme From Giant	DLY PCB 02	100.0%	1.9%	1
Theme From Missing	DLY PCB 09	84.7%	29.6%	1
Theme From Shane	DLY PCB 02	100.0%	1.9%	3/1

<b>Song/Track Name</b>	<b>Delay Profile Name</b>	<b>Mix</b>	<b>Feed-back</b>	<b>Pup Pos</b>
Theme From Star Wars	DLY PCB 11	50.8%	14.3%	
Theme From The Boys	DLY PCB 05	34.3%	34.3%	5
Thing-Me-Jig	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
This Ole House	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Thunderbirds Theme	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Tomorrows Cancelled	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Tonight	DLY PCB 06	50.0%	26.7%	5
True Love Ways	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Turn Around And Touch Me	DLY PCB 11	40.7%	20.0%	1
Valencia	DLY PCB 08	53.7%	1.9%	
Waiting For Rosie	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Walk Don't Run	DLY PCB 09	38.0%	27.7%	
	DLY PCB 09	84.7%	22.9%	1
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Walkin'	DLY PCB 06	50.0%	26.7%	3
	DLY PCB 09	84.7%	29.6%	3
	DLY PCB 11	53.1%	20.0%	3
Walking In The Air	DLY PCB 11	39.3%	20.0%	1
Warlord	DLY PCB 11	40.7%	17.2%	6
Wheels	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
When You Say Nothing At All	DLY PCB 11	50.8%	14.3%	
Wild Roses	DLY PCB 09	84.7%	29.6%	
	DLY PCB 11	53.1%	20.0%	
	DLY PCB 12	31.5%	14.3%	
Windmills Of Your Mind	DLY PCB 09	38.0%	27.7%	
	DLY PCB 11	26.9%	17.2%	
	DLY PCB 12	18.6%	13.4%	
Wipe-Out	DLY PCB 09	38.0%	38.2%	
	DLY PCB 11	26.9%	23.9%	
	DLY PCB 12	18.1%	15.7%	
Wonderful Land	DLY PCB 07	85.1%	26.7%	1
Zambesi	DLY PCB 04	21.4%	28.6%	3