Service Bulletin Nº 70



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TO: Parts & Service Managers

DATE: February 14, 1995

MARY SHELLEY'S

RE: FRANKENSTEIN **SOFTWARE CHANGE NOTICE**

The following are the sofware changes from **CPU** release ver 1.01 & **DISPLAY** ver. 1.02, with the latest corrections in **CPU** ver 1.03, and **DISPLAY** ver 1.03.

Note: Both versions must be used as a matched set to ensure compatability. Keep this document to reference by.

* * For those Distributors receiving updates on Diskettes. * * Please make note of the following:

ALL UPDATE CODE IS ZIPPED IN A SELF EXTRACTING FILE. COPY THE (xxxx.EXE) FILE TO YOUR HARD DISK IN A SUB-DIRECTORY OF YOUR CHOICE. (SUGGEST AT THE ROOT DIRECTORY, MAKE A DIRECTORY (MD) CALLED **MSF_CODE**.) SAVE FLOPPY. TYPE THE (xxxx.EXE) FILE NAME AND IT WILL SELF EXTRACT.

RELEASE CPU ver 1.01

- * CHANGED COILS PULSING FOR FRANKIE'S ARMS TO ALLOW 24-940 COIL
- * FIXED PULSE ADJUSTMENT FOR FRANKIE'S ARMS.
- * FIXED PHONE # BUG FOR SWEDEN AFTER ALL OTHER COUNTRIES RELEASED.
- * CHANGED TIMING OF 2 BALL SO IF BALLS DRAIN DURING INITIALIZATION, IT WILL GIVE THEM BACK.
- * SET DEFAULT FOR 2B.START-ADJ.#56-TO START FROM R.ORBIT (1ST TIME ONLY)
- * SET DEFAULT FOR MB.START-ADJ.#49-TO START FROM SCOOPS+RAMP (").
- * SPOT 2 FRANKENSTEIN LETTERS IN NORTH POLE ALWAYS (NOT JUST FROM L.RET).
- * SET DEFAULT FOR M.B DIFFICULTY-ADJ.#53-TO MODERATE (4 RAMPS TO QUALIFY 1ST M.B.) SOME COUNTRIES HAD IT SET HARD.

Continued on the next page.

NEW RELEASE ver 1.03 CPU 02/01/95

* FIXED AUTOLAUNCHER CONTINUALLY FIRING IN GAME OVER IF SHOOTER LANE SWITCH STUCK CLOSED.

RELEASE ver 1.02 DISPLAY OF FRANKENSTEIN - 11 Jan 1995

- * Added French and Italian translation for COIL:UPPER SCOOP and COIL: LOWER SCOOP. Previously both just said SCOOP.
- * Fixed a bug in the pop bumper display effect that occasionally caused electrode in display to flash wildly.

RELEASE ver 1.03 DISPLAY OF FRANKENSTEIN - 11 Jan 1995

- * Added game-specific translations for flashlamps.
- * Changed German interlock message.
- * Fixed error in COIL: RIGHT TRAP DOOR that caused English text to appear in German code, French text in German code...
- * Fixed "2+ MULITBALL" spelling error.
- * Improved text instructions for Creation Mode (Final Mode).

FRANKENSTEIN DISPLAY VERSION 1.03

FRDSPR0A.103 USA display A1.03, rom 0, checksum: AC69 FRDSPR3A.103 USA display A1.03, rom 3, checksum: EC0D

FRDSPR0G.103 GERMAN display G1.03, rom 0, checksum: 927A FRDSPR3G.103 GERMAN display G1.03, rom 3, checksum: FB63

FRDSPR0F.103 FRENCH display F1.03, rom 0, checksum: DB1C FRDSPR3F.103 FRENCH display F1.03, rom 3, checksum: CC04

FRDSPR0L.103 SPANISH display L1.03, rom 0, checksum: C400 FRDSPR3L.103 SPANISH display L1.03, rom 3, checksum: 8BD7

FRDSPR0I.103 ITALIAN display I1.03, rom 0, checksum: B133 FRDSPR3I.103 ITALIAN display I1.03, rom 3, checksum: BAB9

NOTE:

THE DISPLAY ROMS ARE NOW 120ns (DO NOT USE 150ns) THE DISPLAY CONTROL- LER NOW USES TWO 4 MEG EPROMS. THE LOCATIONS ARE ROM 0 AND ROM 3.

Sound Code:

FRAN1231.U7 checksum: \$1938 FRAN1218.U21 checksum: \$F215 FRAN1218.U17 checksum: \$E437 FRAN1218.U36 checksum: \$DE25

If you have any questions or problems, please call our Technical Support Department.