AUTOMATIC BURST WRITER PROCEDURES

Plug board into drive

Connect power cables

Install servo write E-Prom 2732 (FAW 1)

Install jumper between TP 1 on Servo writer board and TP 17 (Red) on main board

Install jumper between TP2 on servo writer board and TP 6 on main board (Btack)

Apply power

Led's 1 & 2 flash for 2 hours during temperature stablization

Led 2 flashes slowly during servo write (approx 15 min)

Fault Chart

LED 1	LED 2	LED 3	Condition
OFF	OFF	OFF	DRIVE ERROR
ON	OFF	OFF	REACHED OFFSET LIMIT WHEN SETTLING
OFF	ON	OFF	OFFSET EXCESSIVE AFTER SETTLING
ON	ON	OFF	ON BURST (OFFTRACK SENSE WRONG)
OFF	OFF	ON	SERVO WRITER WILL NOT CLEAR
ON	OFF	ON	NO WRITE REPLY FROM SERVO WRITER
OFF	ON	ON	NO USED
ON	ON	ON	PASSED TEST

When led's stop flashing test is done Table above shows results

*NOTE When all three lights are on unit passed servo write test Or See fault chart

2 Jr -34 1 - 33 LED 1 LED 2 + LED 3 +	T T P P 2 1	² J220 119
24 8		

mod isolate - LED3 were - LED3 to JI-12



component view

BISHOP GRAPHICS/ACCUPRESS

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FAULT CHART ANALYSIS

Drive Error

Fatal error in controlling spindle motor speed or positioner motor Offset Limit

Offset limit established during startup (90% of maximum encoder amplitude) has been reached during settling process.

Offset Excessive

After settling, offset value is greater than 20 hex. This value corresponds to about 2v offset at TP 10

No Burst

Off track sense is at wrong logic state when a delebrate offset is applied

Servo Writer won't clear

State counter(defining which burst or erase) did not clear

No write reply from servo writer

Servo writer responds to write enable by sending step pulses. This error occurs if no step pulses received after write was enabled



TECHNICAL BULLETIN

TO:

DISTRIBUTION - CM6000 ONLY

FROM:

Stephen Stein

Technical Support

SUBJECT:

ECN 839 BLANKING SERVO WEDGE TO THE INTERFACE

No. 8 Vol. 2

Technical Bulletin #7 Vol. 2 on 8-13-84, did not include the fix for controllers P.L.L.'s (Phase Lock Loop) that can not lock up to the servo wedge that is written on CM6000 series disk drives.

Enclosed is ECN 839, these are the direction on how to install the change to blank the servo wedge to the read data interface on CM6000 series only.

If you have any questions about this or any other CMI specification please contact CMI Technical Support.

CMI TECHNICAL SUPPORT

FOR IMMEDIATE RELEASE TO ALL SALES PERSONNEL AND REGIONAL/DISTRICT SALES PERSONS



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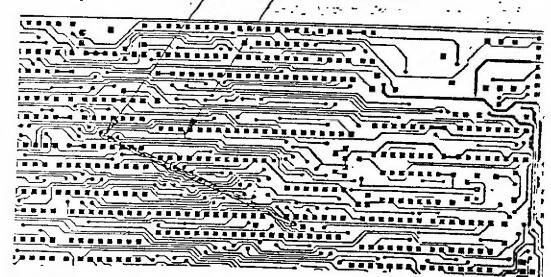
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STOP ORDER

ON 100079 SHT 2 ZONE C-6.C-7 (ADD)

ADD JUMPER AS SHOWN 30 AWG INSULATED WIRE PT. NO. 660-3049

CUT ETCH AS SHOWN



ON 100079, REWORK INSTRUCTIONS, SOLDER SIDE:

I. CUT TRACE LEADING FROM ZAR PINIS.

2.ADD JUMPER (PIN 660-3049) FROM FEED THRU HALFWAY BETWEEN 图14, PIN 6 & 9 TO FEED THRU BY 图24, PIN 6.

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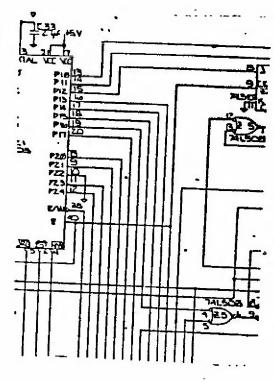
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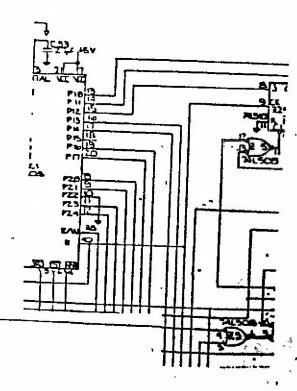
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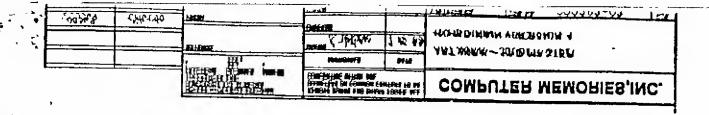
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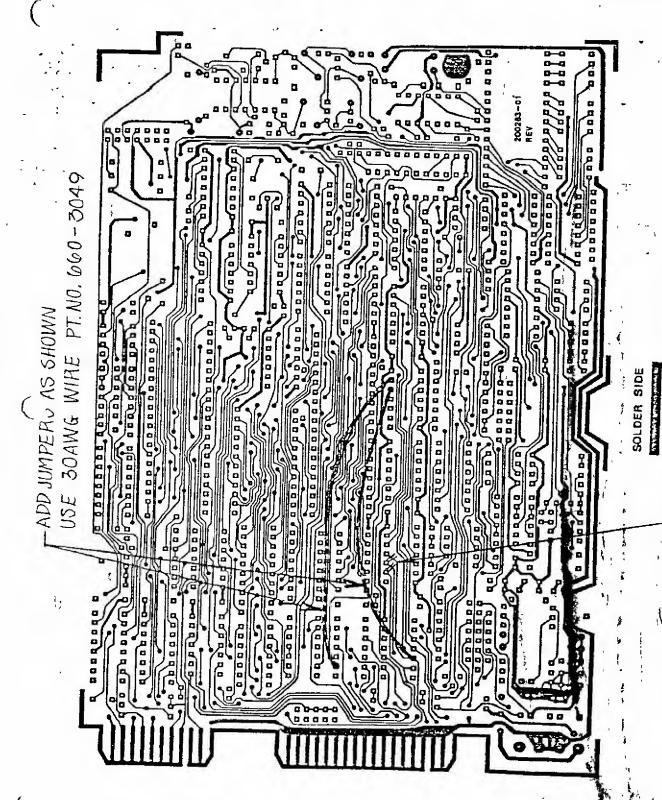


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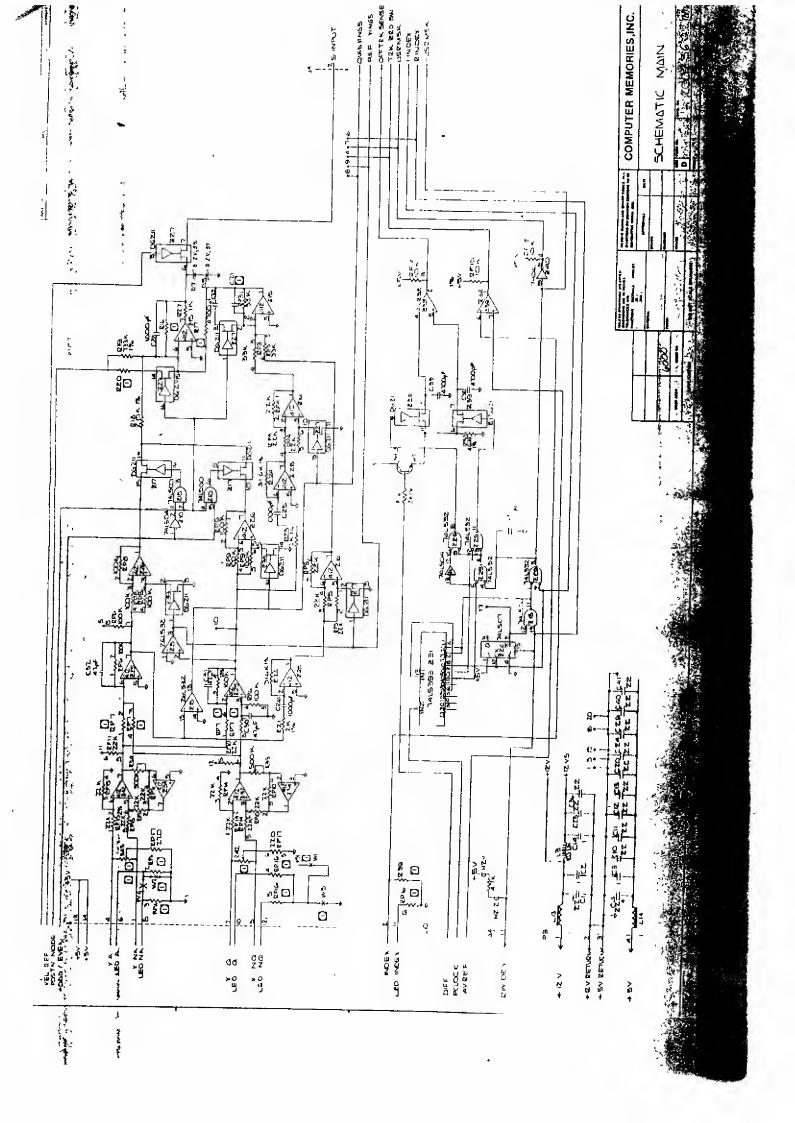
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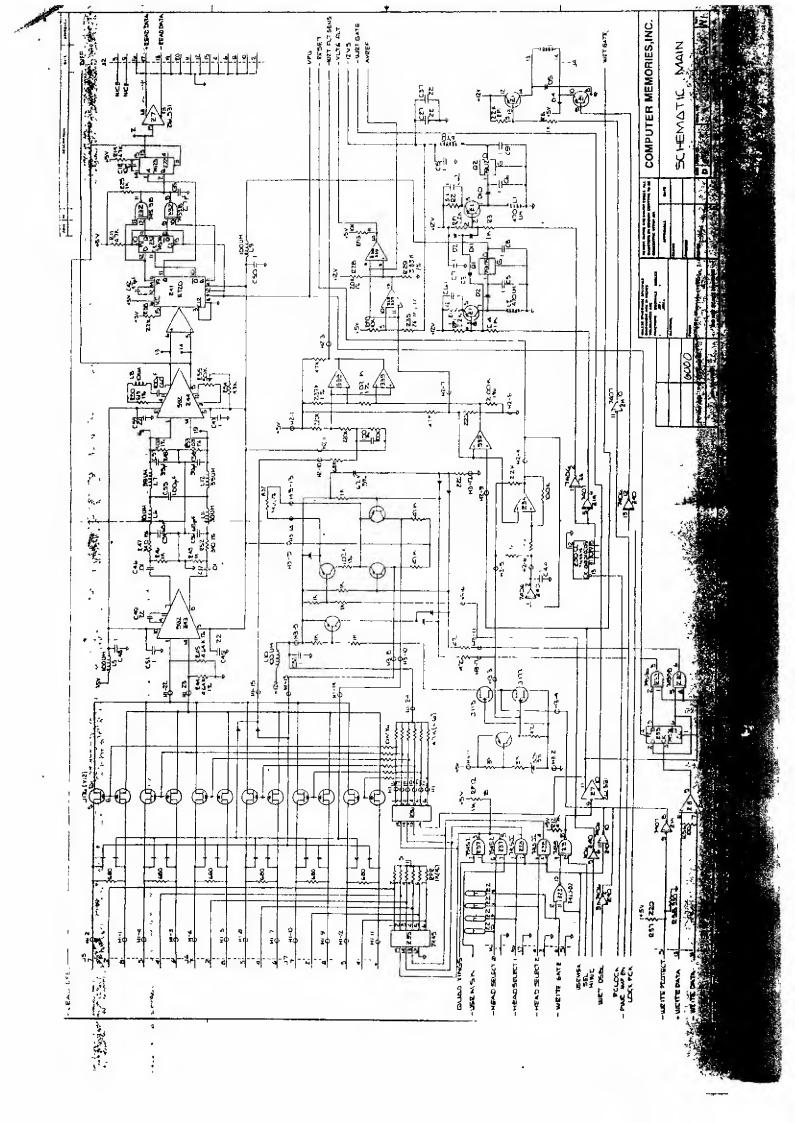




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CUT ETCHES AS SHOWN





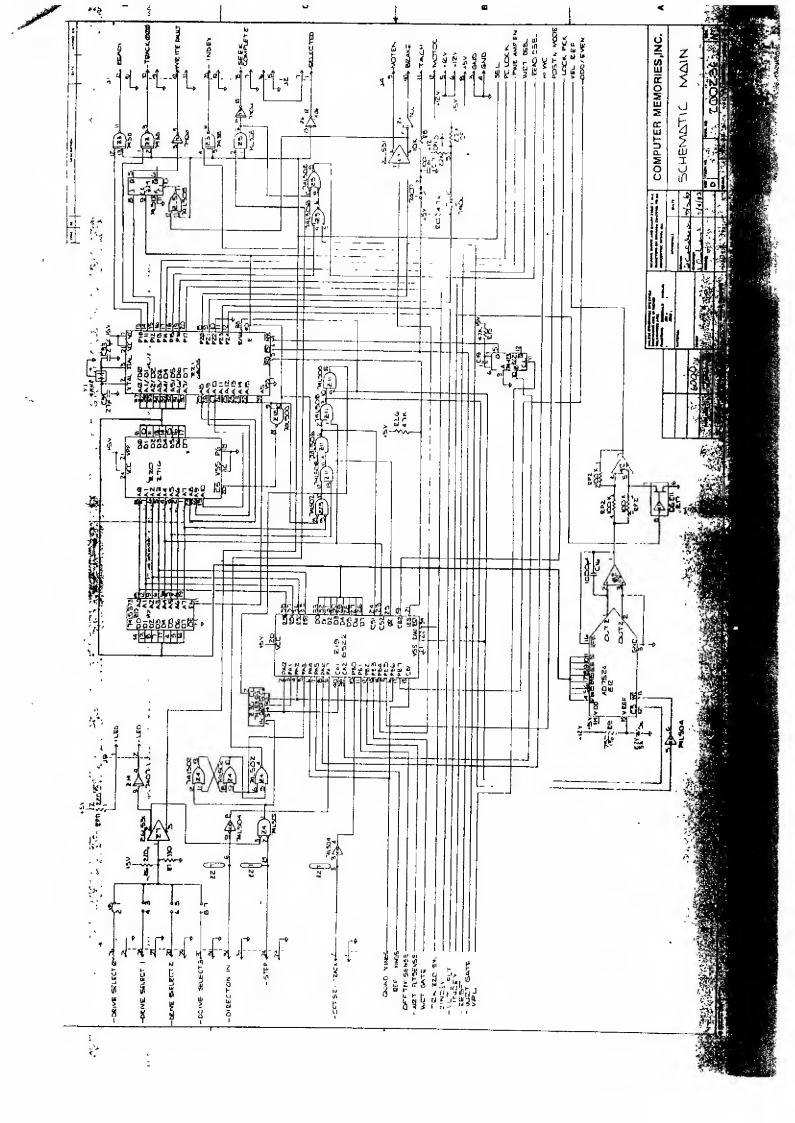


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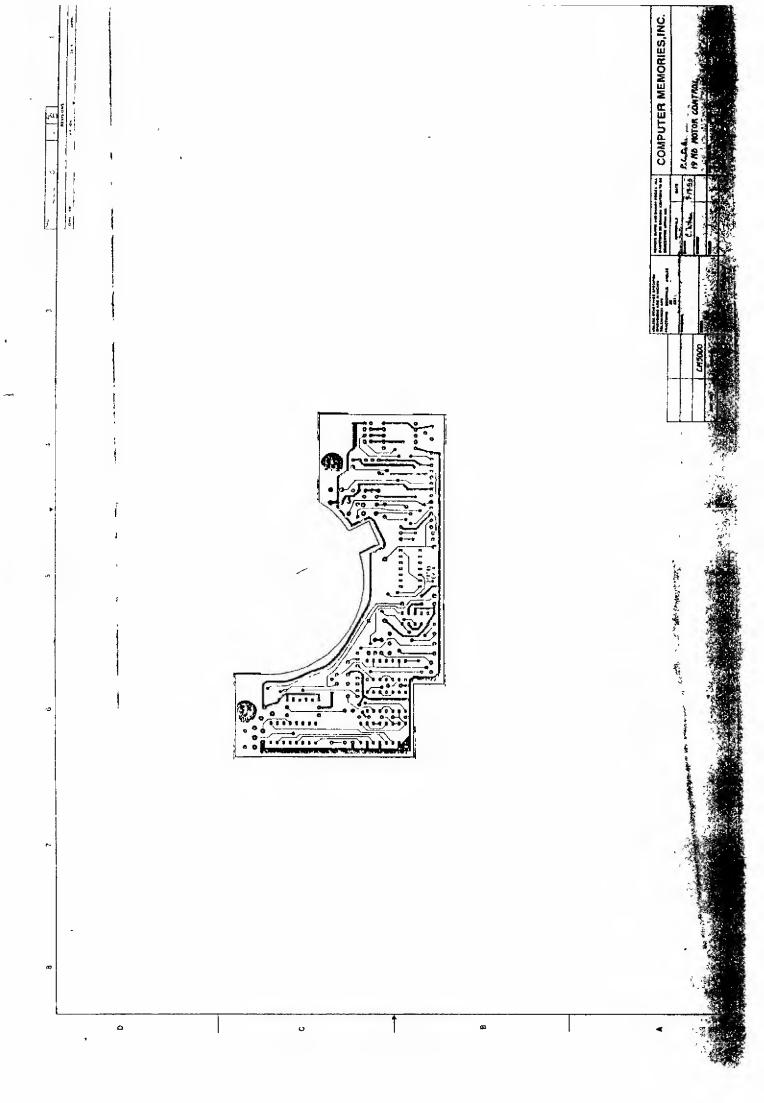
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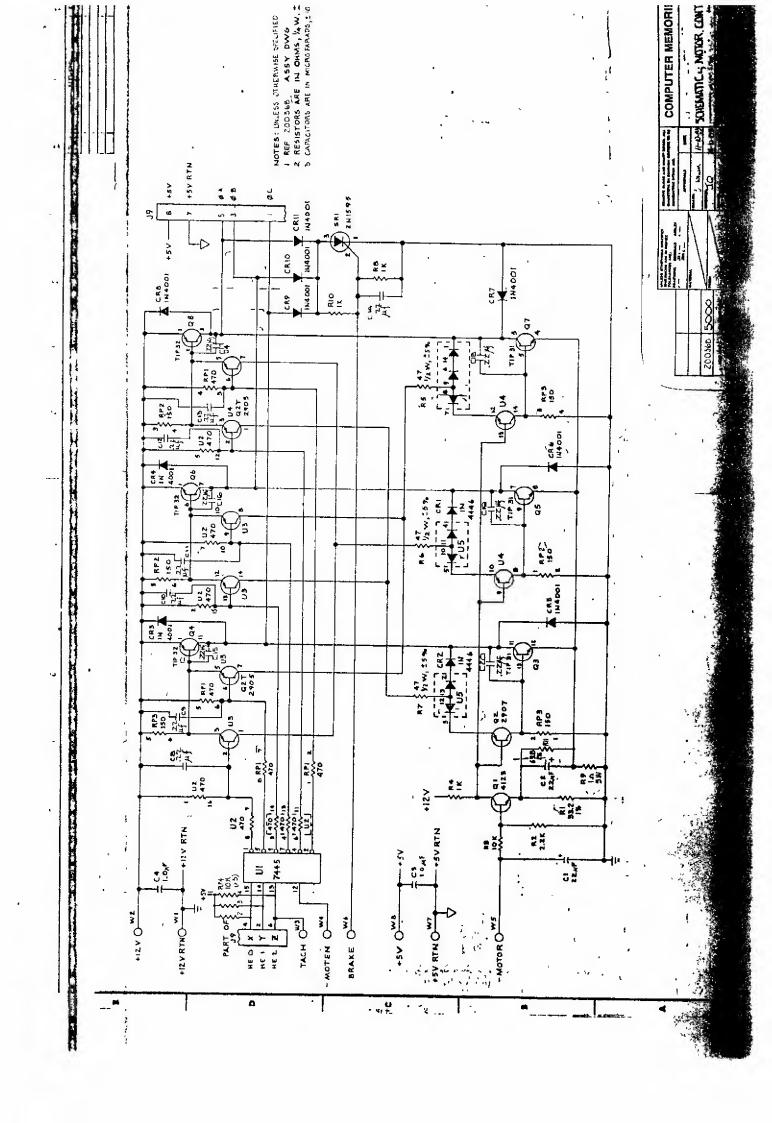
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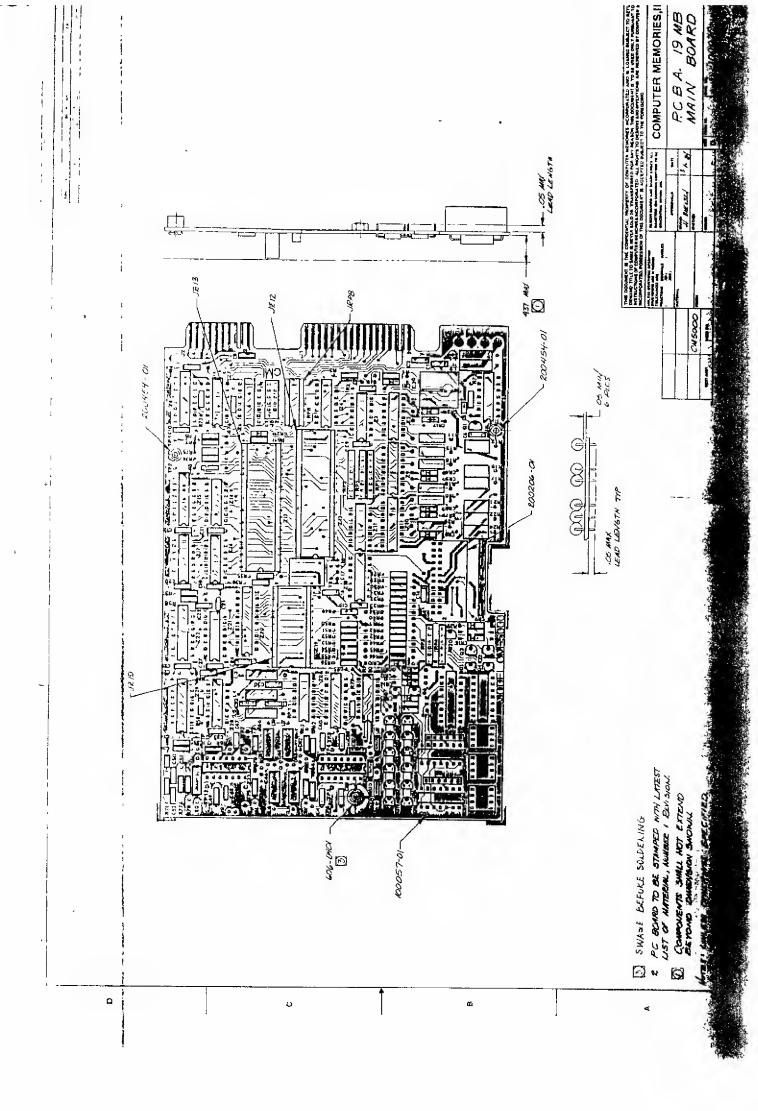
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