

CPS Rock

Good 4 ch Rock ^{all show} Lim FR 13.6V on center

~~2 ch Rock 12030 shows Lim NR -13 on Center
 other " " " no LMT 1.7V
 other Rock no limits 1.3V, 1.2V~~

with 12030 in 4 channel Rock shows FAR Lim = 13.6

when we switch board in 2 channel Rock behavior follows board

IAS MONS
 D1100291

29 Jan 2014

HAM 4 OPTICAL TABLE ELEVATION

E1000403 T1100187
 -325mm + ^{L to G} CORR = -325mm
 below BT _⊥ O for HAM4 X Y
 LV-20 -2133.6 -3830.7
 Chamber ERROR +.97 mm Y
 -5.7 mm X

Reset Targets everytime or only when needed?

Drift

HAM 4

Positioning

29 Jan

Hugh
Munk Lagne

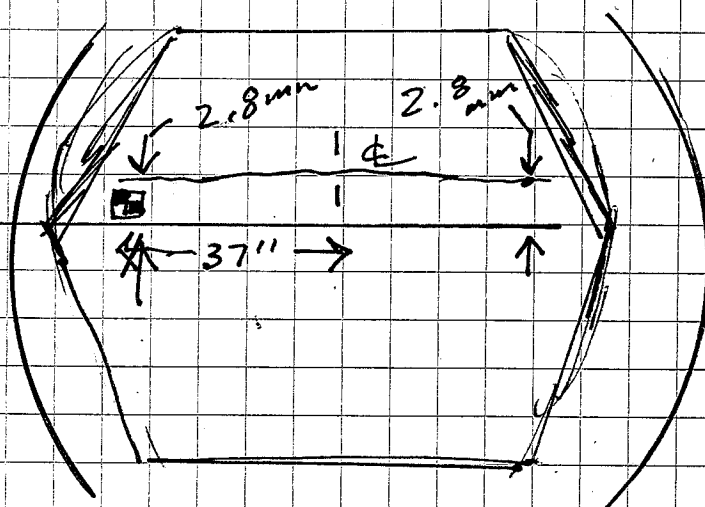
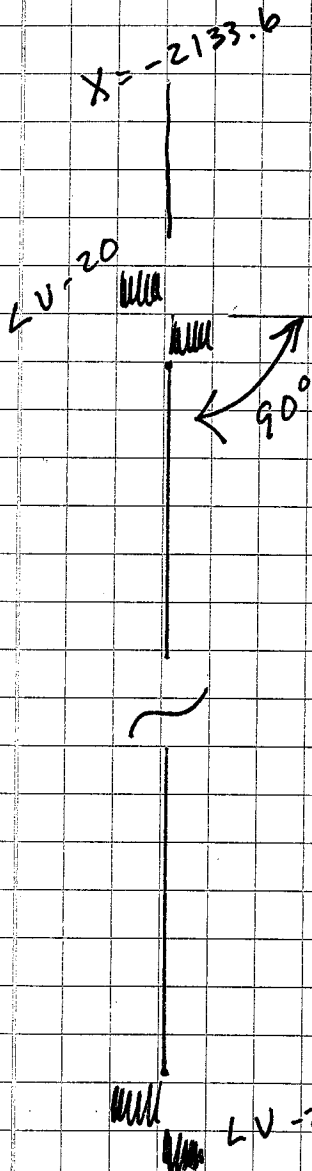
Initial

FAR(W) 2.8mm
NEAR(E) 2.8mm

TABLE is +Y WRT MON
" " " " "

37" South of center

DIST MEAS 1.221m



Chamber is +0.97 (1mm) WRT MON
∴ OT is +1.8mm WRT MON.

DIST 1.221 75 shot to RR
.9398 (37") RR to Table Center
 2160.8mm Mon to Table Center
 - 30mm (prism offset)
-2130.8 ∴ Table is

-2133.6
5.7
 -2127.9
2130.8

(DIST CHAMBER TABLE is South of IDEAL (X=0)

15% ERROR

2.9mm North of Nominal

2.9mm N (+X)
 1.8mm W (+Y)
 1.1mm D (-Z)

MON BS HI FS ELEV DESC ^{Way} Mark L Scott L

2 -210.2mm -208.0mm 2.2mm Scribe NXT TGT 402
 - 4 43.4/64 -326.8mm N
 - 4 41.8/64 -326.2 SE
 - 4 41.7/64 -326.1 SW

2 -210.2 2.2

38.4 = 60

- 4 49.2/64 -329.1 SW
 - 4 49.3/64 -329.2 SE
 - 4 50.8/64 -329.8 N

1.218m
1.0m

1.220 m NEAR 3.4m + Y
 " 3.4 " "
 4 38.7/64 N
 36.9/64
 36.8/64

Horz Dist 1.218m ✓ 0.7 mm + Y
 0.7 mm + Y

- 4 37.4/64 SW 1280 °
 36.5/64 SE 1490 °
 38.9/64 N 1195 ° → N
 1/2 D S
 39.2 N
 37.9 SE 1425 °
 38.1 SW

Final
 38.5 39.2 -325.2 SW
 39.0 -325.1 SE
 39.2 -325.2 N
 Horz Dist 1.219/1.218/1.217 NEAR 0.3m + Y
 FAR 0.5m + Y

HAM 29 Jun

Hugh

	1	2	3	4
V	153425	449	519	503
T	324	511	498	494
L			506	499

Float!

	1	2	3	4
V	545	588	637	624
T	315	521	514	478
L			474	472

mon	BSV	1	2	3	4		
	370	435	477	446	1290	0	01280
	T 311	522	516	480	1500	0	01400
	L		598	591	1170	0	01320
					1390	0	01450

Final DIS after Moves

HAM	1	2	3	4
V	371	435	477	446
T	311	522	516	479
L			597	591

HAM 4

	1	2	3	4
V	371		478	444
T	307		539	477
L			618	590

disconnect 2

539
618

500 w/ 29 100
but corners are quite good.
Suspect DI Corner 3.

$\Delta =$

0	-1	+2
4 South	23 S	2 S
	21 E	1 W

V	385	451	486	455
T	308	643	539	479
L			619	593

Unlocked Act A Sept 2013
Removed

AV -14	NA	-9	-11
T 35		23 S	0
L		22 E	82 E

HAM 4 4 March 2014

	1	2	3	4
V	386	450	490	456
T	308	639	538	477
L			619	592

Δ

-15	-15	-13	-10
53		522	52
		E22	E1

HAM 4 11 March

	1	2	3	4
V	389	453	494	460
T	302	643	538	477
L			615	583

These good...
or N1
W3

SW	-325.6
SE	-325.5
N	-325.6

AV -18	-18	-17	-14
59	NA DI SHIPPED	522	52 from Page 98
		E18	W8 from Page 98

if believe DI #:
Horz are reset
3 March Above (HET coc)
then motion is small

HET1 Locked 1050 pdt