EIB

Probe 1

→ Top
→ bottom

bottom
Top

Probe 2

Back view   Probe

16   1 α
✦
                            → Top
32   17 R
48   33 N
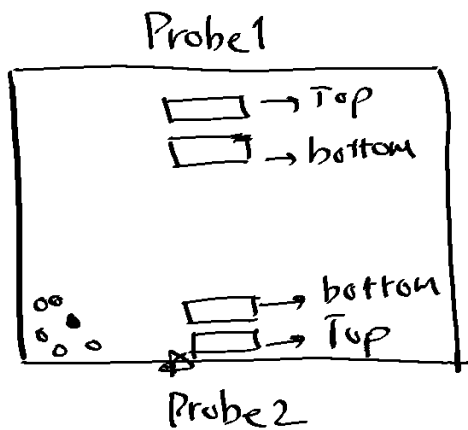   → bottom
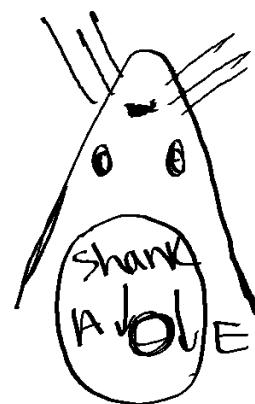64   49 N
                            Ref
GND
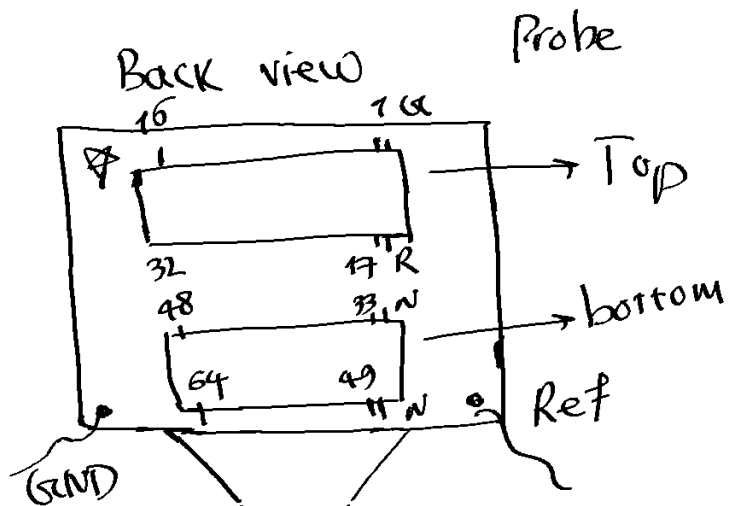
Top on probe is connected
to the top   on probe2 on
the EIB board.

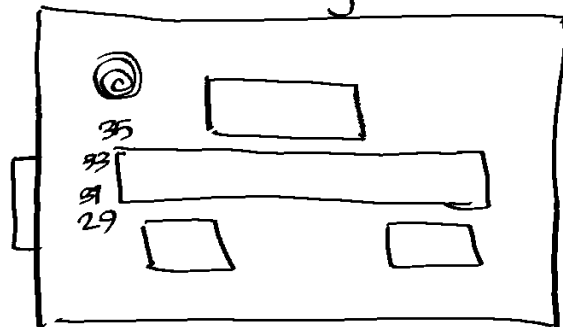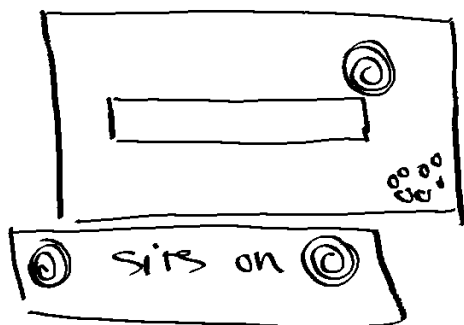✦ sits on ✦

Headstage

35
33
31
29

Port

EIB

sits on

Shank A

Shank A
on the
left side
of the
craniotomy
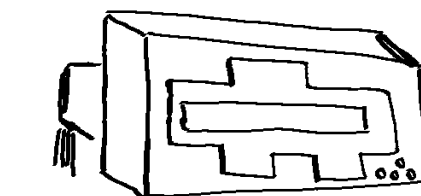
Shank
A D E

Shank A

channel number on the Trodes:	channel number on the HW	channel number on the probe
1	22	29
2	20	61
3	13	12
4	29	16
5	24	59
6	31	48
7	2	32
8	0	64
9	8	60
10	17	13

Shank B

11	4	62
12	6	30
13	18	31
14	12	58
15	21	14
16	26	27
17	27	47
18	5	10
19	25	15
20	23	46
21	16	63

Shank C

channel number on the Trodes:	channel number on the HW	channel number on the probe
22	30	25
23	10	28
24	96	24
25	15	44
26	14	26
27	9	11
28	7	42
29	19	45
30	1	9
31	28	57
32	11	43

Shank D

33	112	23
34	125	40
35	102	54
36	98	56
37	108	18
38	127	8
39	101	34
40	3	41
41	123	7
42	100	22
43	117	38

Shank E

channel number on the Trodes:	channel number on the HW	channel number on the probe
44	119	6
45	99	1
46	109	36
47	105	35
48	104	20
49	111	4
50	114	55
51	106	52
52	121	39
53	120	19
54	126	49

Shank F

55	113	37
56	124	17
57	122	51
58	118	53
59	103	2
60	115	5
61	110	50
62	116	21
63	107	3
64	97	33

important note that in the config file, for shank A & F
I have added a dummy channel at the end meaning
channels 11 & 65 in the trodes are showing
channels connected to the other port on the EIB.

$$11 \longrightarrow 46$$
$$65 \longrightarrow 45$$
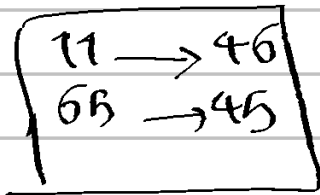
Probe on ELB on Headstage

HW
126

↑

N 49

HW
97

N 33

64

48

R 17   25   32   Probe numbering

9   16

Cr 1