MAR9,						
	[TM 04	had ears	bonded Sc	eft. 2010.	w Maniel	(e
		sms Were q	f = f	T	•	
		52 - earside	2=70.06 m =	>2-prisr	nsidez	92.7 mm
		51-esrside	(=70.02m		10= ±0.1	mm solo
	HMOL	1st car bon	ded ~41	PM 8/4	70	
						ared
						Mearth
MAR 10	2019					WEIG
	1TM04	Fla monts!	liere alve	d	Ann	&Moz 39.
		Flag mounts/ 24 hr. head	Ismp cive	started	7310	GTM03 30
						Holy
	ITMOI	2nd can be	aled AM			ETMOY 39
		2nd Ear bo	1 = 70.00 m	$\sim 5/M$		ETMOS 3
		52-earside	2 = 70.00 ma	~	mess in	> ITM04
	C-0.11				Set.	
	ETMOY	15+ car bo	nded 3P	W		ITM68
MAR 10	,2011					
		8 62 14				
	ETM04	Ø 53 → & → at 4.35				
		-> rinsed with				
		ear came of				
		- 0 - 12	16 48			
		> cleaned thou	roughly with	Cecium	oxide ani	d bicarb.

<10,11	PRACTICE EARS - Just glue, sous Marielle & use following:
	Glue Discs in plates Then glue ears on as per
	H 3m shims contered between ends of plate
	USE LEFT SIDE JIG 1 So. you can use them on PEN or TM.
	"PRACTICE NOTCHED" Ears => PEN "PRACTICE STANDARD" EARS => TM
	Inventory:
	Inventory: 38 Plates on order
	7 Stand. ears 7 not ched ears
7	6 Ear Prok bonded sots +1 in plate
	8 blank pocks
	4 sets Car Prek Plates installed on Lto proof. Setup
	USE HOLY ETMOS for 1-orm PEN ETM & LASTI PEN for 1-orm PEN (TM

MARILLI	AD Adhesive on aluminium tray has digd
	→ for magnet flag bases on ITM04
	Selected ear 77 as replacement for ear 85 for
	ETM 04 S3
	Switched off heat lamps and But it back into it
	container ITM04
	Stored 17M04 -> finished
	Stored ITMOI -> still needs prisms and magne
	flag bases,
	10.30 > Bonded ear 77 to ETM 04 side S3 > looks much more promising this time
	TOOLS TAKEN TOOLS TOOLS THE
	12.00 → Bonded ear 87 to ETM63 side S3
	-> many bubbles
	5 47 0:10 - 5 FTM 04
	Ear 77 side s3 ETM 04 51 - earside 1 70.0
	52 - ean side 2 69.95
	Ear 87 side 53 ETM 03
	\$1 -ean side 1 69.93 52 -ean side 2 70.05
	Far 86 side S4 ETMO4
	have had to debond efter 10 hr.
	- has left quite a few scratches on ea
	and Ethioy sy

							ner Stranden and hair a new							
	MAR	اک		Total Comment				4.	- Company of the comp			the worker commen	-	
		İ		0	Bon	ded	ear	94	to	ETM	1 04	sur	face	54
,								89		ETT	103	Su	face	54
			4	(. 			1 1						1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
									l.					
-			<u> </u>	•	LIST	OF	TH	ING	TO	IMPRO	VE			
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				1			24	•	V-61					
		1				_ te	Hon	pad	for	mea:	iure m	ents	7 M	a cieli.
						<u> </u>	isme	holo	ler r	edesi	an.		7 10	DC 17 14
		:							- 500		0		9	
		!			1		1 1	ripes			# 10 mm			
									e 6f	Sodo				
					1 1	1	1	3	and	A CONTRACTOR	1 1	CC		
-:						- pu	t ea	AS È	1 Py	iex o	dish	The second second	and the second	
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				9	-									
		-				1-1						-		- - -

Ear no.	70	Bonding solution	sodium silicate
Mass	ITM01	Vol. concentration	1:6
Bonding flat	\$ <i>3</i>	Time prepared	\$ 13,45
Date and time bonded	09/03/11	Amount used for bonding	9.60 µl

Bond	made	
Had to	hold	to
ear	-	wanted

to slide for several minutes

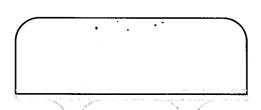
Date: 09/03/11

Time: 16.60

Date: <u>09/03/11</u>

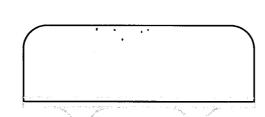
Date: 09/03/11

Time: 16.40



Date: 09/03/11

Time: <u>17.25</u>



Date: 09/03/11

Time: <u>17.50</u>

NO BUBBLES CLEAR

Date: 10/03/11

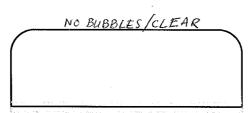
Time: 9.15

REMOVE

UIG position ear checked 70.04 and 70.06

Ear no.	71	Bonding solution	sodium silicate
Mass	ITM01	Vol. concentration	1:6
Bonding flat	s 4	Time prepared	11.00
Date and time bonded	10/03/11 11.45	Amount used for bonding	9.6 µl

O		
		'. ^
		٠



 NO	Bul	3 <i>BL</i>	ES /	CEE	ZAR	
)
		94 · 4				

Date: 10/03/11

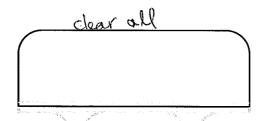
Date: 10/03/11

Time: 11.45

Time: 12.15

Time: 12.45

No Bubbles / Clear



Date: 10 03/11

Time: 1:15

Date: 10/03/()

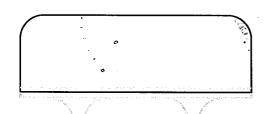
Time: 1:45

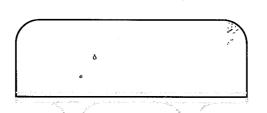
Date:

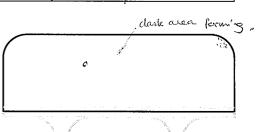
7 Time: ____

REMOVED VIG 14.10 70.00 - 70.00

Ear no.	77	Bonding solution	sodium silicate
Mass	ETM04	Vol. concentration	1:6
Bonding flat	53	Time prepared	9.30 am
Date and time bonded	11/03/11 10.30	Amount used for bonding	9.6 µl







Date: 1\$/03/11

Time: 10.40

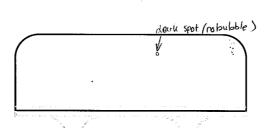
Date: 11/03/11

Time: 11.05

Date: 11 /03 (1)

Time: 11:35

daile spot ino bubble)



, dark spot (no bubbles)

Date: 11/03/11

Time: 12.10

Date: 11/03/1

Time: 12.40

Date: 12/03/11

Time: <u>8.50</u>

12.50

remove jig

s1-earsidei70.6

52 eur sidez 69.95

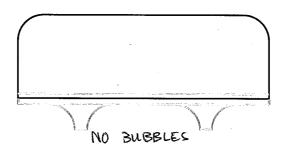
Gerardo	made	thi's	bond
againe	manc	11 W 2	Pona

	Ge	erardo made this bond	sigma-Aldrich
Ear no.	78	Bonding solution	sigma-Aldrich sodium silicate bottle opened o
Mass	PUM ITM 04	Vol. concentration	1:6 15/09/2010
Bonding flat	s 3	Time prepared	9:00
Date and time bonded	22/09/2010 10:52	Amount used for bonding	9.6 µl

NO BUBBLES

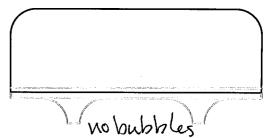
Date: 22/09/2010

Time: 10:52



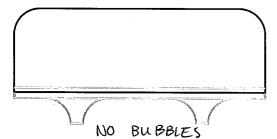
Date: 22/09/2010

Time: 11:08



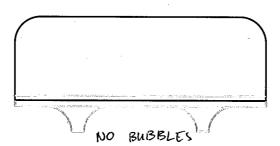
Date: <u>72101/10</u>

Time: 11:25



Date: 22/09/7010

Time: 12.01



Date: 22/09/2010

Time: <u>12:38</u>



NO BUBBLES

Date: 22/09/2010

Time: 13 148

Time: 10:00

Bond quality monitoring sheet

Bond made by Gerardo Movero

Ear no.	78	Bonding solution	338443-11 bottle opened on 15/09/2010
Mass	PUM ITM 04	Vol. concentration	1:6
Bonding flat	s3	Time prepared	9:00
Date and time bonded	22/09/2010 10:52	Amount used for bonding	9.6 µl.

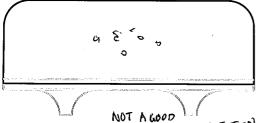
No Bussles Date: 22/09/2010 Time: 15; 32	No BUBBLES Date: 22/09/2010 Time: 17:40	No Burbles Date: 23 109 1 2010 Time: 10:00
Date: 24/09/2010	Date:	Date:

Time: _____

Time:

		bona made by Marièlle van Veggel	
Ear no.	84	Bonding solution	1:6 sodium silicate
Mass	PUM ITM 04	Vol. concentration	1:6
Bonding flat	54	Time prepared	10:00
Date and time bonded	21/09/2010 11:35	Amount used for bonding	9.6 ul

Sigma-Aldrid 338443-1L bottle opened on 15/09/2010



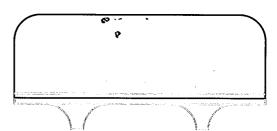
Date: 21/09/2010 CHANGES TOO

Time: 11:35

0000

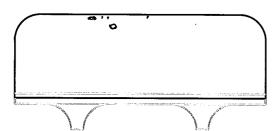
Date: 21/09/2010

Time: 11:45



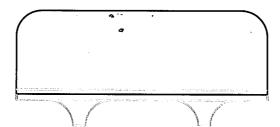
Date: 21/09/2010

Time: 12:15



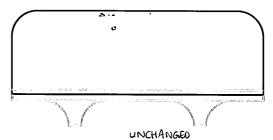
Date: 1/09/2010

Time: 12:50



Date: 21/09/2010

Time: 13:50

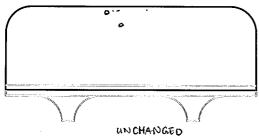


Date: 21/09/2010

Time: 14:25

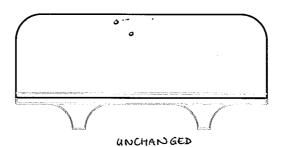
Bond made by Marielle van Veggel

Ear no.	84	Bonding solution	sodium silicate 338443-11 bottle opened on
Mass	PUM ITM 04	Vol. concentration	1:6 bottle opened on 1:6 15/09/2010
Bonding flat	54	Time prepared	10:00
Date and time bonded	21/09/2010 11:35	Amount used for bonding	9.6 µl



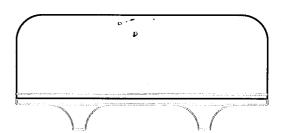
Date: 21/09/2010

Time: 15.20



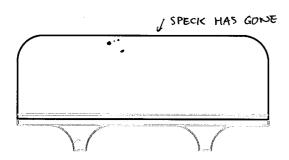
Date: 21/09/2010

Time: 16.20



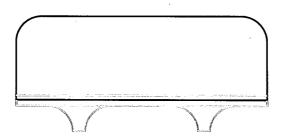
Date: 21/09/2010

Time: 17.30



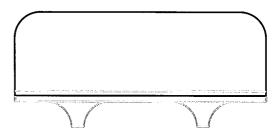
Date: 22/09/2010

Time: 8:45



Date:

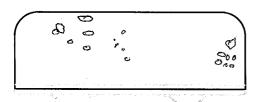
Time: _____

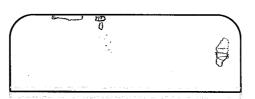


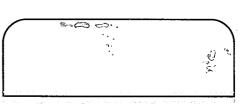
Date:

Time: _____

Ear no.	85	Bonding solution	sodium silicate
Mass	ETM 05	Vol. concentration	1:6
Bonding flat	53	Time prepared	11.00
Date and time bonded	10/03/11 15.10	Amount used for bonding	9.6 µl







Date: 10/03/11

Time: 15.10

Date: 10 (03/11

Time: 15:40

Bubbled area

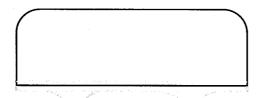
Date: 10/03/11

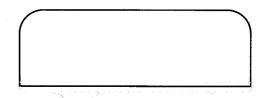
NIS mm2

Time: 16:05

told 1200 mm2







Date: 10/03/11

Date:

Date:

Time: <u>16.35</u>

decision to debond

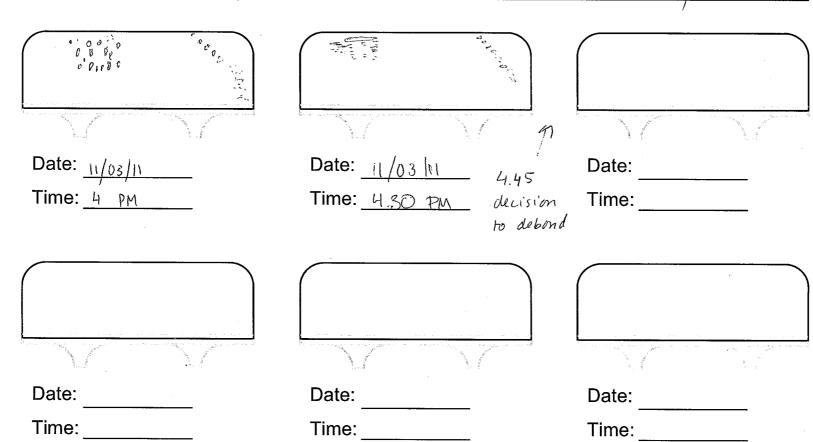
Time:

Time:

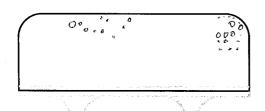
-> debonded after between 5 and 10 minutes

-) observed scratch both on ear and on mass + where bubble was -> was there a speck?

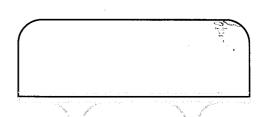
Ear no.	86	Bonding solution	sodium silicate
Mass	ETM04	Vol. concentration	1:6
Bonding flat	54	Time prepared	9.30 AM
Date and time bonded	11/03/11 4 PM	Amount used for bonding	9.6 µl.



Ear no.	87	Bonding solution	sodium silicate
Mass	ETM 03 (holy mass)	Vol. concentration	1:6
Bonding flat	53	Time prepared	9.30 am
Date and time bonded	11/03/11 12.05	Amount used for bonding	9.6 µl.







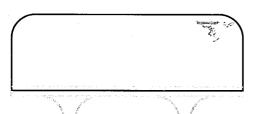
Time: <u>12.10</u>

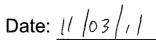
Date: 11/03/11

Time: 12.40

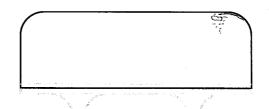
Date: _(1/05/1)

Time: 13.10



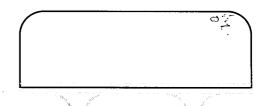


Time: 13.40



Date: 11/63/11

Time: 14.10



Date: 12/03/11

Time: <u>8,56</u>

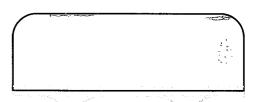
remove jig. 52 -earside 2 70.05

57-earside 1 69.93

Ear no.	89	Bonding solution	sodium silicate
Mass	ETM03	Vol. concentration	1:6
Bonding flat	54	Time prepared	9.00 AM
Date and time bonded	12/03/11 10.30	Amount used for bonding	3.6 pl.







Date: 12/03/11

Time: 11.30

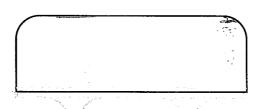
Date: 12/03/11

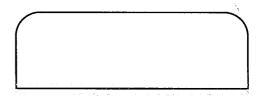
Time: 12.00

Date: 12/03/11

Time: 12.30







Date: 12/03/11

Time: 13, 10

Date: 12/03/11

Time: 14.10

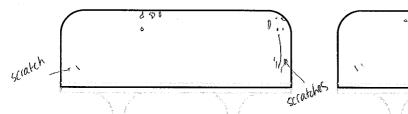
Date:

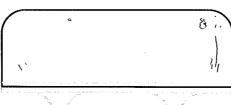
Time: _____

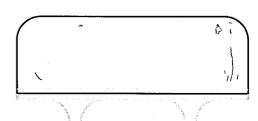
51-ensider 70.02

52-earside2 70.00

Ear no.	94	Bonding solution	sodium silicate
Mass	ETM04	Vol. concentration	1:6
Bonding flat	94	Time prepared	9.00 AM
Date and time bonded	12/03/11 10.10/	মূ Amount used for bonding	9.6 µl







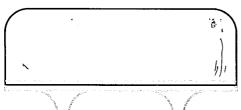
Date: 12/03/11

Date: 12/03/11

Time: 10,45

Date: 12/03/11

Time: 11.30



Date: 12/03/11 7

Time: 12.05

Date:

Time:

Date:

Time:

remove jig

52-earside 2 70.12 S1-earside 1 69.80 200.08

69.80 + 13.62 + 15.03+1= 98.45 +1.50 = 99.95