4/18/76

WARRANTY SHEET SUMMARY

		T °C	I_{CEN}	I_{GUA}		σ_{CEN} ^{207}Bi	σ_{GUA} ^{207}Bi	σ_{CEN} ^{241}Am	σ_{GUA} ^{241}Am	D_1	D_2 (inches)	D_3
	1974	20	0.6	3.2	3.8	6.8	14.8	16.1	21.2	.1323	1.886	.011
	1975	20	0.8	4.1	4.9	6.8	19.1	16.1	21.2	.1327	1.886	.010
	1976	20	0.5	2.7	3.2	7.6	11.4	16.1	17.0	.1327	1.886	.010
	1977	20	0.3	4.3	4.6	5.5	10.6	16.1	17.0	.1328	1.886	.012
	1978	25	1.0	5.5	6.5	7.6	13.1	16.1	19.1	.133	1.886	.014
	1979	25	1.0	6.0	7.0	8.1	17.0	16.1	17.0	.133	1.886	.009
	1982	22	0.6	5.4	6.0	8.1	16.5	16.1	21.2	.1329	1.886	.012
☆	1983	18	0.2	2.0	2.0	5.3	11.9	16.1	21.2	.133	1.885	.011
	1984	20	1.2	6.5	7.7	8.5	16.1	17.0	23.3	.1325	1.886	.011
	1985	20	1.1	5.4	6.5	8.5	17.0	17.0	28.4	.1327	1.886	.013
	1990	20	1.0	6.5	7.5	8.5	19.1	16.1	19.1	.1324	1.886	.011
☆	1991	20	0.45	3.6	4.05	5.9	12.7	16.1	17.0	.132	1.886	.010
	1992	20	0.4	2.0	2.4	5.5	11.4	16.1	17.0	.132	1.886	.009
	1993	20	0.3	3.0	3.3	5.5	13.6	16.1	19.1	.1326	1.885	.009
☆	1994	20	0.4	4.5	4.9	5.5	17.0	17.0	21.2	.132	1.886	.011
	1996	20	0.35	3.4	3.75	5.9	12.3	16.1	17.0	.133	1.886	.010
	1997	20	0.6	3.4	4.0	6.8	12.3	16.1	17.0	.133	1.886	.010
☆	1998	18	0.32	1.7	2.02	5.5	9.8	16.1	21.2	.1326	1.885	.010
	1999	20	0.55	3.8	4.35	7.2	12.7	17.0	18.2	.133	1.886	.010
☆	2000	20	1.0	6.0	7.0	8.5	17.0	17.0	26.7	.1323	1.886	.009
	2001	20	0.7	5.0	5.7	8.1	17.8	16.1	21.2	.132	1.886	.010
	2002	20	0.3	3.2	3.5	6.4	14.8	16.1	21.2	.1332	1.886	.0085
	2006	20	0.8	5.7	6.5	7.6	16.1	16.1	17.0	.1326	1.886	.012
	2007	20	0.8	5.0	5.8	8.1	17.0	16.1	21.2	.133	1.886	.012
	2010	20	0.4	4.2	4.6	6.4	14.4	16.1	19.1	.133	1.886	.009
	2011	20	0.7	3.8	4.5	7.6	13.6	16.1	17.0	.1321	1.886	.010
	2012	20	0.6	4.5	5.1	5.9	16.1	17.0	19.1	.1328	1.886	.010
	2013	20	0.75	2.8	3.55	8.9	13.6	16.1	17.0	.1325	1.886	.008
	2025	20	0.75	6.0	6.75	8.1	14.8	16.1	19.1	.133	1.886	.011
☆	2037	18	0.3	1.7	2.0	5.5	9.8	16.1	21.2	.1323	1.885	.012
	2038	20	1.0	4.8	5.8	7.2	16.1	16.1	19.1	.133	1.886	.010
	2039	20	0.5	3.5	4.0	5.1	9.8	16.1	17.0	.1328	1.886	.012

weight evenly for σ_{CEN} 35°, σ_{GVA} 35°, I_L 35° (TVS)

9/7/76
FU1 + FU2 selection

	pts	order	TVS	Preliminary		
β redo	5	2037	G	D1	β test	~~bad 2.2 on groove redo~~
	6	1992	G	D1	β test	~~bad 2.2 on groove~~
β redo	9	1998	GC	D8	β test	~~bad 2.2 on groove redo~~
β redo	12	1983	GC	D6		
	20	1996	G	D8		
	19	1974	G	D7		
	22	1997	G	D7		
	24	1975	U	D6		
	29	2012	G	D2		
	29	1991	G	D2		
	33	2001	G	D3		
	33	2038	GC	D3		
	38	2006	G	D4		
	38	1984	G	D4		
β redo	44	2000	GC	D5	β test	~~bad 2.2 on groove redo~~
β redo	47	1994	GC	D5		~~β test bad~~

Redistribute and put GC's below G's

	Preliminary assignment			9/27/76 ↓
2037	D1	~~bad β test~~		FU1
1992	D1	~~bad β test~~		
1996	~~D8~~ D2			FU1
1974	~~D8~~ D2			
1997	~~D7~~ D8			FU1
1975	~~D7~~ D8			
2012	~~D2~~ D3			FU1
1991	~~D2~~ D3			
2001	~~D3~~ D7			FU1
2006	~~D3~~ D7			
1984	~~D4~~ D4			FU1
1998	~~D4~~ D4	~~bad β test~~		
1983	D5			FU1
2038	D5			
2000	D6	~~bad β test~~		FU1
1994	D6	~~bad β test~~		

Note: FU2 not chosen yet

FU2 + SPARE TEL DET SELECTION 12/3/76

Weight evenly for $\sigma_{GUA}(35°)$, $\sigma_{CEN}(35°)$, $I_L(35°)$

pts	order	TVS	
3	1992	G	FU2 see below
6	1974	G	
11	1991	G	
12	2039	G	
14	2006	G	
17	1990	G	
21	1998	GC	
25	2002	GC	
27	1993	GC	CAL
30	2038	GC	
35	1999	GC	
37	1982	GC	
39	1976	GC	
40	1979	GC	
48	1994	GC	
last	1975	? Run 21	

Put best dets in FU2 in this order from best to worst D1, D2, D8, D3, D7, D4, D5, D6

FU2	12/3/76
D1	1992
D2	1974
D3	2039
D4	1990
D5	1998
D6	2002
D7	2006
D8	1991

SPARE	12/3/76
D1	1993
D2	2038
D3	1982
D4	1979
D5	1994
D6	1975
D7	1976
D8	1999

Note: To make SPARE + FU2 detectors from CAL ~~tels~~ copy are being used CAL will become SPARE