

User: Nefili, Marcela
Westchester Dept. of Labs & Research
Date: 10/09/2001 Time: 14:24:22

Sample: AD22976
Analysis: \$ED508 Organochlorine Pesticides
Units: ug
Started: 9/21/01 13:53 Ended: 9/30/01 13:53 Analyst: MN
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		15		0.1
2	Endrin aldehyde				0.1
3	Endrin ketone				0.1
4	DDT				0.1
5	DDD				0.1
6	DDE				0.1

Report (NOT REVIEWED)

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD2B.CH
 Acq On : 30 Sep 2001 10:41 am Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 30 11:35 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L

System Monitoring Compounds						
9) S 2,4-DDD SURROGAT	38.62	34.76f	3697657	5282569	1.591	0.943 #
Spiked Amount 0.200			Recovery	=	795.50%	471.50%
Target Compounds						
1) PROPACHLOR	0.00	15.69f	0	1839	N.D.	0.002 #
5) HEPTACHLOR EPOXI	33.05	29.69	3065	3120	0.001	0.000 #
6) DIELDRIN	36.13f	33.73f	28566	1860	0.007	0.000 #
7) ENDRIN	38.62	34.76f	3697657	5282569	1.428	0.889 #
8) METHOXYCHLOR	50.81	42.05f	49204	13005	0.067	0.005 #

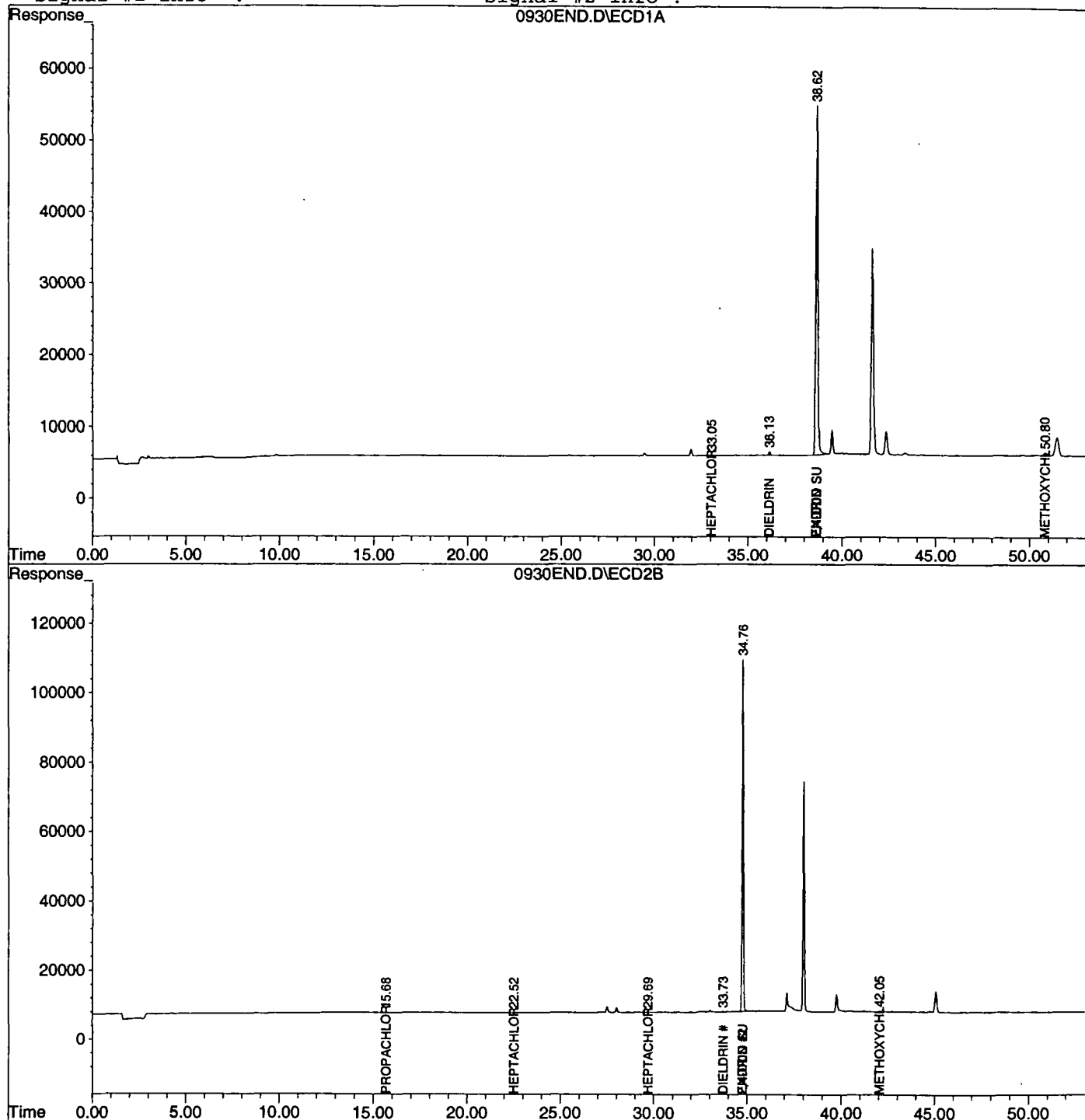
$$\text{fendrin breakdown} = \frac{292983 + 345638}{() + 3697657} = \frac{638621}{4336278} = 15\%$$

Quantitation Report

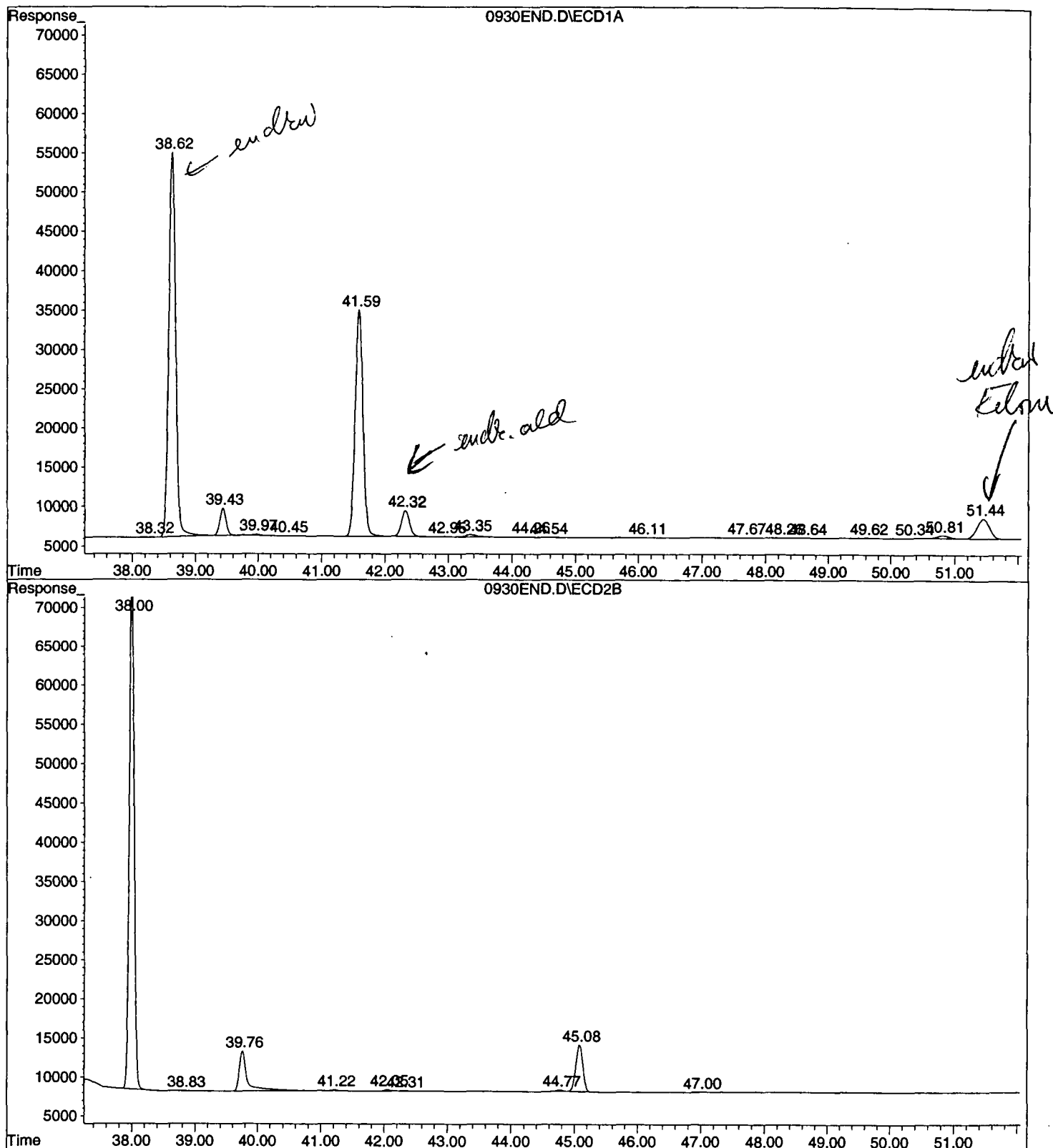
Signal #1 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD2B.CH
 Acq On : 30 Sep 2001 10:41 am Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 30 11:35 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 Response via : Multiple Level Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508F\010930\0930END.D
 Operator : Nefliu
 Acquired : 30 Sep 2001 10:41 am using AcqMethod 508F.M
 Instrument : 104
 Sample Name: endrin decomposition
 Misc Info :
 Vial Number: 4



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010930\0930END.D\ECD2B.CH
 Acq On : 30 Sep 2001 10:41 am Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e

Method : C:\HPCHEM\1\METHODS\010930P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.296	1.264	1.344	BV	612	11667	0.32%	0.150%
2	1.363	1.344	1.396	VV	249	4273	0.12%	0.055%
3	1.452	1.396	1.617	PB	68	4867	0.13%	0.063%
4	2.379	2.302	2.434	BV	55	2053	0.06%	0.026%
5	2.579	2.434	2.618	PV	870	69082	1.87%	0.889%
6	2.668	2.618	2.822	VV	865	91573	2.48%	1.178%
7	2.879	2.822	2.901	VV	561	26900	0.73%	0.346%
8	2.957	2.901	3.148	VV	908	91660	2.48%	1.179%
9	3.192	3.148	3.313	VV	483	40690	1.10%	0.524%
10	3.358	3.313	3.375	VV	342	12563	0.34%	0.162%
11	3.429	3.375	3.511	VV	381	27376	0.74%	0.352%
12	3.539	3.511	3.572	VV	257	9183	0.25%	0.118%
13	3.675	3.572	3.748	VV	279	24972	0.68%	0.321%
14	3.895	3.748	4.036	VB	97	13213	0.36%	0.170%
15	4.279	4.194	4.372	BB	16	547	0.01%	0.007%
16	4.424	4.373	4.500	BB	54	2028	0.05%	0.026%
17	4.619	4.501	4.662	BB	13	1048	0.03%	0.013%
18	5.774	5.294	5.793	BB	6	607	0.02%	0.008%
19	6.111	5.959	6.151	BB	13	679	0.02%	0.009%
20	6.219	6.151	6.332	BB	14	722	0.02%	0.009%
21	7.440	7.354	7.496	BB	18	845	0.02%	0.011%
22	7.709	7.593	7.777	BB	14	945	0.03%	0.012%
23	8.497	7.777	8.523	BB	5	865	0.02%	0.011%
24	8.966	8.523	9.018	BB	7	675	0.02%	0.009%
25	9.096	9.029	9.141	BB	16	611	0.02%	0.008%
26	9.230	9.140	9.326	BB	78	3494	0.09%	0.045%
27	9.809	9.327	10.020	BB	212	16745	0.45%	0.215%
28	11.007	10.724	11.086	BB	29	1536	0.04%	0.020%
29	11.525	11.264	11.615	BB	22	1951	0.05%	0.025%
30	11.753	11.620	11.807	BB	7	587	0.02%	0.008%
31	12.426	12.344	12.557	BB	12	733	0.02%	0.009%
32	14.097	13.961	14.205	BB	15	1252	0.03%	0.016%
33	18.471	18.337	18.615	BB	22	1688	0.05%	0.022%
34	20.081	19.867	20.253	BB	32	2439	0.07%	0.031%
35	22.313	22.130	22.534	BB	15	2260	0.06%	0.029%
36	23.494	23.174	23.647	BB	26	2379	0.06%	0.031%
37	25.400	25.097	25.543	BB	89	7152	0.19%	0.092%
38	26.940	26.767	26.972	BB	5	503	0.01%	0.006%
39	27.323	26.973	27.433	BB	25	1751	0.05%	0.023%
40	28.070	27.842	28.195	BB	7	770	0.02%	0.010%
41	29.439	29.175	29.745	BB	346	28460	0.77%	0.366%
42	30.312	30.178	30.429	BB	9	607	0.02%	0.008%
43	31.938	31.564	32.104	BB	939	62143	1.68%	0.800%
44	32.522	32.138	32.667	BB	8	614	0.02%	0.008%
45	33.049	32.822	33.185	BB	50	3065	0.08%	0.039%
46	34.330	34.203	34.453	BB	102	6141	0.17%	0.079%
47	34.566	34.453	34.676	BB	32	2193	0.06%	0.028%
48	35.226	34.993	35.311	BB	14	910	0.02%	0.012%
49	35.505	35.311	35.654	BB	27	2245	0.06%	0.029%
50	36.128	36.001	36.347	BB	518	28566	0.77%	0.368%

52	38.624	38.406	39.259	BB	48822	3697657	100.00%	47.574%
53	39.434	39.258	39.750	BB	3361	235189	6.36%	3.026%
54	39.967	39.753	40.349	BB	132	9970	0.27%	0.128%
55	40.450	40.365	40.585	BB	13	910	0.02%	0.012%
56	41.587	41.289	42.108	BB	28790	2455302	66.40%	31.590%
57	42.321	42.108	42.820	BB	3198	292983	7.92%	3.769%
58	42.951	42.831	43.073	BB	35	2564	0.07%	0.033%
59	43.352	43.076	43.712	BB	273	32418	0.88%	0.417%
60	44.261	43.928	44.428	BB	66	5851	0.16%	0.075%
61	44.544	44.429	44.643	BB	10	598	0.02%	0.008%
62	46.113	45.793	46.307	BB	10	1941	0.05%	0.025%
63	47.666	47.441	47.903	BB	41	4835	0.13%	0.062%
64	48.262	47.903	48.345	BB	8	651	0.02%	0.008%
65	48.644	48.342	49.144	BB	15	3428	0.09%	0.044%
66	49.620	49.378	49.844	BB	42	5543	0.15%	0.071%
67	50.341	49.845	50.514	BB	15	2384	0.06%	0.031%
68	50.810	50.513	51.096	BB	371	49204	1.33%	0.633%
69	51.444	51.098	51.835	BB	2554	345638	9.35%	4.447%
70	52.120	51.833	52.375	BB	28	3557	0.10%	0.046%

Sum of corrected areas: 7772466

Signal #2 0930END.D\ECD2B

1	1.568	1.539	1.573	BV	576	5771	0.11%	0.055%
2	1.579	1.573	1.662	VV	728	18056	0.34%	0.171%
3	2.605	1.843	2.689	BV	243	60881	1.15%	0.577%
4	2.953	2.689	2.993	PV	922	78569	1.49%	0.745%
5	3.009	2.993	3.044	VV	750	21474	0.41%	0.204%
6	3.147	3.044	3.290	VB	419	51634	0.98%	0.490%
7	3.344	3.301	3.396	BV	43	1346	0.03%	0.013%
8	3.583	3.396	3.599	PV	87	4640	0.09%	0.044%
9	3.651	3.599	3.671	VV	96	3898	0.07%	0.037%
10	3.934	3.671	4.007	VB	191	25613	0.48%	0.243%
11	4.230	4.008	4.359	BB	101	18178	0.34%	0.172%
12	4.659	4.584	4.735	BB	82	2426	0.05%	0.023%
13	5.992	5.895	6.098	BB	31	1259	0.02%	0.012%
14	6.278	6.224	6.340	BB	16	624	0.01%	0.006%
15	9.785	9.683	9.975	BB	161	11779	0.22%	0.112%
16	10.329	10.248	10.383	BB	13	563	0.01%	0.005%
17	10.687	10.563	10.748	BB	24	899	0.02%	0.009%
18	11.516	11.417	11.584	BB	15	704	0.01%	0.007%
19	12.632	12.467	12.712	BB	30	1579	0.03%	0.015%
20	12.837	12.711	12.896	BB	15	720	0.01%	0.007%
21	13.547	13.260	13.570	BB	6	709	0.01%	0.007%
22	14.093	13.970	14.163	BB	15	832	0.02%	0.008%
23	15.687	15.564	15.828	BB	30	1839	0.03%	0.017%
24	17.247	17.102	17.389	BB	54	2872	0.05%	0.027%
25	18.786	18.639	18.858	BB	20	981	0.02%	0.009%
26	22.519	22.324	22.619	BB	20	1402	0.03%	0.013%
27	23.543	23.404	23.703	BB	52	3434	0.06%	0.033%
28	27.501	27.211	27.863	BB	1602	111415	2.11%	1.057%
29	28.008	27.874	28.170	BB	1348	78118	1.48%	0.741%
30	29.151	28.942	29.238	BB	25	1569	0.03%	0.015%
31	29.693	29.482	29.789	BB	60	3120	0.06%	0.030%
32	30.390	30.245	30.479	BB	13	743	0.01%	0.007%
33	31.325	31.180	31.431	BB	50	2529	0.05%	0.024%
34	32.003	31.898	32.100	BB	29	1363	0.03%	0.013%
35	33.028	32.900	33.162	BB	423	19471	0.37%	0.185%
36	33.728	33.490	33.802	BB	33	1860	0.04%	0.018%
37	33.958	33.802	34.022	BB	21	844	0.02%	0.008%
38	34.763	34.376	35.166	BB	101422	5282569	100.00%	50.098%
39	35.324	35.166	35.433	BB	96	4726	0.09%	0.045%
40	35.643	35.545	35.784	BB	231	11481	0.22%	0.109%

41	36.097	35.784	36.141	BB	16	3519	0.07%	0.033%
42	36.597	36.513	36.638	BB	15	590	0.01%	0.006%
43	36.937	36.825	37.017	BB	96	4322	0.08%	0.041%
44	37.137	37.020	37.285	BB	4708	228092	4.32%	2.163%
45	37.995	37.755	38.542	BB	66087	3510934	66.46%	33.297%
46	38.832	38.539	39.001	BB	34	2268	0.04%	0.022%
47	39.756	39.580	40.791	BB	5084	452691	8.57%	4.293%
48	41.220	41.095	41.362	BB	144	8989	0.17%	0.085%
49	42.055	41.935	42.197	BB	192	13005	0.25%	0.123%
50	42.312	42.197	42.419	BB	40	2450	0.05%	0.023%
51	44.770	44.462	44.882	BB	173	11040	0.21%	0.105%
52	45.078	44.880	45.353	BB	5930	463411	8.77%	4.395%
53	46.996	46.800	47.026	BB	7	650	0.01%	0.006%

Sum of corrected areas: 10544452

0930END.D 010930P.M Tue Oct 09 10:35:07 2001