

APPENDIX D

Condensed Continuous Interest Tables

CONDENSED CONTINUOUS INTEREST TABLES*

(Factors for determining zero-time values for cash flows which occur at other than zero time.)

<u>Compounding of Cash Flows which Occur:</u>	1%	5%	10%	15%	20%	25%	30%	35%	40%	50%	60%	70%	80%	90%	100%
A. In an Instant															
1/2 year before	1.005	1.025	1.051	1.078	1.105	1.133	1.162	1.191	1.221	1.284	1.350	1.419	1.492	1.568	1.649
1	1.010	1.051	1.105	1.162	1.221	1.284	1.350	1.419	1.492	1.649	1.822	2.014	2.226	2.460	2.719
1 1/2	1.015	1.078	1.162	1.252	1.350	1.455	1.568	1.690	1.822	2.117	2.450	2.850	3.320	3.857	4.462
2	1.020	1.105	1.221	1.350	1.492	1.649	1.822	2.014	2.226	2.719	3.320	4.055	4.951	6.050	7.109
3	1.030	1.162	1.350	1.556	1.822	2.117	2.460	2.858	3.320	4.482	6.050	8.166	11.023	14.880	20.086
B. Uniformly until Zero Time															
From 1/2 year before to 0 time	1.002	1.013	1.025	1.038	1.052	1.055	1.079	1.093	1.107	1.135	1.166	1.197	1.230	1.263	1.297
1	1.005	1.025	1.052	1.079	1.107	1.136	1.166	1.197	1.230	1.297	1.370	1.448	1.532	1.622	1.710
1 1/2	1.008	1.038	1.079	1.121	1.166	1.213	1.263	1.315	1.370	1.489	1.622	1.769	1.930	2.117	2.321
2	1.010	1.052	1.107	1.166	1.230	1.297	1.370	1.448	1.532	1.718	1.933	2.182	2.471	2.805	3.194
3	1.015	1.079	1.166	1.263	1.370	1.489	1.622	1.769	1.933	2.321	2.805	3.412	4.176	5.141	6.362
Discounting of Cash Flows which Occur:															
C. In an Instant															
1 year later	.990	.951	.905	.861	.819	.779	.741	.705	.670	.606	.549	.497	.449	.407	.368
2	.960	.905	.819	.741	.670	.606	.549	.497	.449	.368	.301	.247	.202	.165	.135
3	.970	.861	.741	.630	.549	.472	.407	.350	.301	.223	.165	.122	.091	.067	.050
4	.961	.819	.670	.549	.449	.368	.301	.247	.202	.135	.091	.061	.041	.027	.018
5	.951	.779	.606	.472	.368	.286	.223	.174	.135	.082	.050	.030	.018	.011	.007
10 year later	.905	.606	.368	.223	.135	.082	.050	.030	.018	.007	.002	.001	--	--	--
15	.861	.472	.223	.105	.050	.024	.011	.005	.002	.001	--	--	--	--	--
20	.819	.368	.135	.050	.018	.007	.002	.001	--	--	--	--	--	--	--
25	.779	.286	.082	.024	.007	.002	.001	--	--	--	--	--	--	--	--
D. Uniformly over Individual Years															
1st year	.995	.975	.952	.929	.905	.885	.864	.844	.824	.787	.752	.719	.680	.655	.632
2nd	.985	.928	.861	.799	.742	.689	.640	.595	.552	.477	.413	.357	.309	.268	.232
3rd	.975	.883	.779	.688	.608	.537	.474	.419	.370	.290	.226	.177	.139	.109	.086
4th	.966	.840	.705	.595	.497	.419	.351	.295	.248	.176	.124	.088	.062	.044	.032
5th	.956	.799	.638	.516	.407	.326	.260	.208	.166	.106	.068	.044	.028	.016	.012
6th	.946	.760	.577	.439	.333	.254	.193	.147	.112	.065	.037	.022	.013	.007	.004
7th	.937	.723	.522	.379	.273	.197	.143	.103	.075	.039	.020	.011	.006	.003	.002
8th	.928	.687	.473	.325	.224	.154	.106	.073	.050	.024	.011	.005	.002	.001	.001
9th	.918	.654	.428	.280	.183	.120	.078	.051	.034	.014	.006	.003	.001	--	--
10th	.909	.622	.387	.241	.150	.093	.058	.035	.022	.009	.003	.001	--	--	--
E. Uniformly over 5 Year Periods															
1st-5 year	.975	.885	.787	.704	.632	.571	.518	.472	.432	.367	.317	.277	.245	.220	.199
6th-10th year	.928	.689	.477	.332	.232	.164	.116	.082	.058	.028	.016	.008	.004	.002	.001
11th-15th year	.883	.537	.290	.157	.086	.047	.026	.014	.008	.002	.001	--	--	--	--
16th-20th year	.840	.410	.176	.074	.032	.013	.006	.002	.001	--	--	--	--	--	--
21st-25th year	.799	.326	.106	.035	.012	.004	.001	--	--	--	--	--	--	--	--
F. Declining to Nothing at Constant Rate															
1st 5 years	.983	.922	.852	.791	.736	.687	.643	.603	.568	.506	.456	.413	.377	.347	.320
10	.968	.852	.736	.643	.560	.506	.456	.413	.377	.320	.278	.245	.219	.198	.180
15	.952	.791	.643	.536	.456	.394	.347	.309	.270	.231	.198	.172	.153	.137	.124
20	.936	.736	.568	.456	.377	.320	.278	.245	.219	.180	.153	.133	.117	.105	.095
25	.922	.687	.506	.394	.320	.269	.231	.203	.180	.147	.124	.108	.095	.085	.077

*From tables compiled by J. C. Gregory, The Atlantic Refining Co.