

人工バリアシステムの耐震性評価手法の開発Ⅱ

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1999

人工バリアシステムの耐震性評価手法の開発Ⅱ

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要 旨

本研究は、高レベル放射性廃棄物の地層処分システムに於けるニアフィールドの耐震安定性の評価を目的として、以下の検討を実施したものである。

- (1) JNC 殿で整備中の地質環境モデルならびに表層観測地震波に基づき、処分深度-1000m（硬岩系）、-500m（軟岩系）における地中地震波の推定を行った。これより、本検討で対象とした地質環境モデルでは、加速度振幅比で 60%（硬岩系）ないし 20%（軟岩系）の低減効果があることを確認した。
- (2) 本研究で開発中の 3 次元地震応答解析コードでは、これまでに材料非線形モデル、粘性境界要素ならびにジョイント要素など、ニアフィールドの耐震性評価を行う上で必要となる諸機能を段階的に整備してきた。本年度は、これらの手法・モデルを用いて地質環境モデルを考慮とした感度解析を行い、ニアフィールド耐震性評価を行う上での具体的な解析手法を設定した。

また、これらの検討結果に基づき、実処分環境下における処分場ニアフィールドの耐震性評価を行った。処分概念としては、硬岩系処分坑道横置き（-1000m）および軟岩系処分孔縦置き（-500m）の 2 種類を対象とした。本評価により、地震の発生に伴い緩衝材内に発生するせん断応力は、人工バリアが常時受けている土被り圧に比較して十分小さく、地震による人工バリアの力学的安定性が確保できる見通しを得た。

本報告書は、コンピュータソフト開発株式会社が核燃料サイクル開発機構の委託により実施した研究内容である。

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Development of the Evaluation Methodology for Earthquake Resistance of the Engineered Barrier System(II)

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Abstract

In this study, the following several tasks have been performed in order to evaluate the stability of earthquake resistance for the engineered barrier system of High Level Waste(HLW) geological isolation system.

- (1) Based on the wave propagation theory for one-dimensional multi-layer system, we have estimated the underground seismic wave that propagates in the HLW repository site. This analysis was based upon the JNC Virtual Geological Model and we used the El-Centro earthquake data as the surface observed wave. Through this inversion analysis, we have found that this interest geological model has the about 60%(G.L.-1000m) and 20%(G.L.-500m) decreasing ratio of the acceleration to the surface observed acceleration level.
- (2) Since 1992 we have developed the three dimensional seismic response analysis code for the engineered barrier system, which based on Finite Element Methodology. This analysis code has various function to take into consideration the realistic repository system(e.g. material nonlinear models, joint crack element and infinite viscous boundary element). We have made the study of the concrete analysis method designed to the near field seismic response analysis, through the sensitivity analysis using above various function.

Based on these studies, we have evaluated the earthquake resistance stability for the near-field repository system. Two types of disposal concept were considered as the reference case associated with the JNC second progress report. Through this study, we have concluded that the shear stress due to earthquake in the buffer material is very small relative to that due to the earth load and the earthquake resistance stability will be maintained.

This work was performed by Computer Software Development Co., Ltd. under contract with Japan Nuclear Cycle Development Agency.

JNC Liaison : Barrier Performance Group Waste Isolation Research Division
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*1 Environmental Engineering

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1. まえがき

1. 1 研究目的

ガラス固化体、オーバーパック、緩衝材から構成される人工バリアシステムは、長期にわたってガラス固化体と地下水の接触や核種の溶出移行の抑制等、様々な物理的・化学的バリア性能が要求される。これらバリア性能を確保するための前提条件としては、人工バリアシステムが健全な状態で存在することが必要である。したがって、我が国のように地震の多い地質環境条件下における地層処分においては、人工バリアシステムの健全性を確保するために、人工バリアシステムを中心としたニアフィールドの耐震性評価が重要かつ必要である。

本研究は、開発中の人工バリアの地震応答解析モデル／コードならびに昨年度までに検討してきたニアフィールドの耐震性評価手法を用い、解析による処分場の耐震性評価を行うとともに、その手法を体系的にまとめ、今年度を目処に JNC 殿が取りまとめる 2000 年レポートドラフト版に資することを目的とする。

1. 2 研究内容

(1) 地質モデルにおける処分深度での地中地震波の検討

これまでに、深部地下の地震波に関する調査検討を行ってきており、地表面で観測された地震波から地下深部における地震波の推定が可能である見通しを得るとともに、例題的に地中地震波の作成を行ってきた。

本年度は、2000 年レポートドラフト版における処分場仕様および地質環境モデルの下で、処分深度-1000m（硬岩系）、-500m（軟岩系）における地中地震波の推定を行った。硬岩系に関しては、前年度と同一の均質な結晶質岩を対象とした。また、軟岩系については、砂岩と泥岩の互層地盤を対象とした。表層観測波としては、本研究でこれまで利用してきたエルセントロ波、宮城沖波、八戸波より、波形の有するエネルギーが最も大きいものを保守的に採用した。ここで検討した深部地中地震波は、ニアフィールドを対象とした地震応答解析の入力地震波として利用する。

(2) ニアフィールド耐震性評価

これまでに開発したモデル／コードにより、緩衝材の材料非線形性、緩衝材中の間隙水圧の上昇・消散および緩衝材－岩盤間の材料不連続面など、実際の処分環境を考慮したより現実的なモデルを用いた解析・評価を行っており、耐震安定性評価を行う上での重要因子の抽出やモデル化上の制約等に関する知見が蓄積されつつある。

本年度は、2000 年レポートドラフト版における最新版の人工バリア仕様ならびに地質モデルに基づき、処分場閉鎖後のニアフィールド耐震性評価を行うとともに、これまでに検討した様々な手法、モデルを用いた感度解析を行い、処分場の耐震性安定性評価を進める上で着目すべきものを改めて整理した。

2. 地質モデルにおける処分深度での地中地震波の作成および入力地震波の検討

2. 1 はじめに

JNC 殿で整備中の地質環境モデルに基づき、処分深度-1000m（硬岩系）、-500m（軟岩系）における地中地震波の推定を行う。硬岩系に関しては、前年度と同一の地質環境モデルに基づいている。表層観測波としては、本研究でこれまで利用してきたエルセントロ波を用いることとする。

2. 2 処分深度における地中地震波の作成

2. 2. 1 地質環境モデル

JNC 殿より提示された地質環境モデルでは、硬岩系を結晶質岩からなる均質地盤、軟岩系を砂岩・泥岩からなる水平互層地盤と定めている。表 2. 2. 1-1～表 2. 2. 1-2 に硬岩系および軟岩系に関する岩盤物性値を示す。両地盤とも、岩盤物性の深度依存性を考慮したものであり、深度の増加に伴いせん断剛性が増加している。減衰定数は一律 2.0% と定めている。表中に示した層厚は、これらの地質環境モデルを多層水平地盤と考え、鉛直上方に伝搬するせん断波の一波長（最大周波数 25Hz）を 4 層程度で表現することを目安に定めたものである。

これらの地質環境モデルに基づき、重複反射理論による地中地震波の推定を行った。処分深度は硬岩系 G.L-1000m、軟岩系 G.L -500m と定め、解析には一次元地震応答解析コード SHAKE を用いた。

2. 2. 2 表層観測波

SHAKE コードへの入力条件となる表層観測波は、これまでに使用してきた著名地震波の 1 つとしてエルセントロ波（16.384 秒、16384 点）を用いた。図 2. 2. 2-1 に同地震波の加速度波形ならびに加速度フーリエスペクトルを示す。最大加速度は観測開始から 3.877 秒後に約 1026gal を観測しており、卓越周波数は 5Hz 前後となっている。この特性は、本来エルセントロ波を観測したサイトにより特徴づけられるものであり、実際に地震波が伝搬した地質媒体の諸特性（弾性波速度、剛性、単位体積重量など）を反映した結果として解釈できるものである。従って、上記の地質環境モデルとは無関係であり、その地質環境モデルの表層観測波と仮定すること自体に少なからず矛盾がある。しかしながら、処分サイトを特定しない現段階では、これ以上の現実性を詰めていくには限界がある。本研究では、これらの課題を踏まえつつも、処分深度に応じた観測地震波の加速度低減効果等を概算できる等の利点を生かし、上記エルセントロ波を表層観測波として用いることとする。

2. 2. 3 解析結果と考察

図 2. 2. 3-1 に硬岩系 G.L-1000m における解析結果を示す。最大加速度は 400gal

前後にまで低減されている。周波数特性には大きな変化はなく、依然 5Hz 近傍に卓越周波数を維持している。ただし、25Hz 以上の周波数領域は層厚を定めた際のフィルタ効果により除去されている。一方、図 2. 2. 3-2 に示した軟岩系 G.L-500 の解析結果からは、最大加速度は約 800gal と硬岩系ほどの低減効果は認められない。これは両サイトで想定した処分深度ならびに岩盤物性値の相違によるものである。軟岩系に対しても、周波数特性に大差はなく 5Hz 近傍の周波数成分が卓越している。

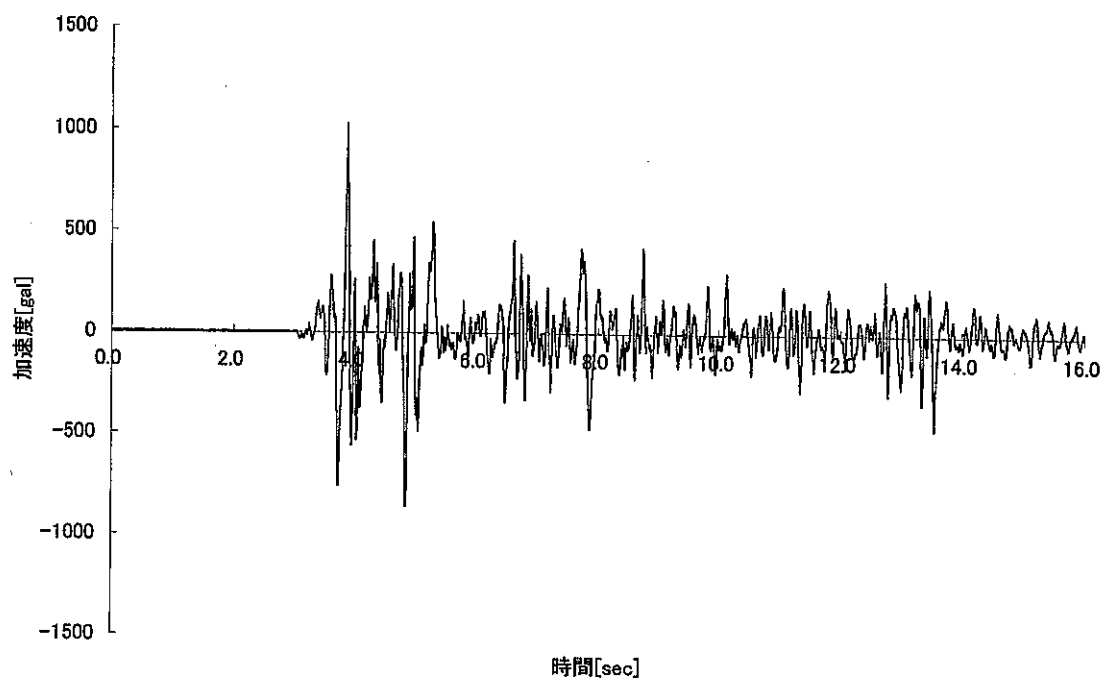
以上の結果を、後述するニアフィールド地震応答解析における入力地震動として使用するここととする。

表2. 1. 1-1 岩盤物性値 (硬岩系)

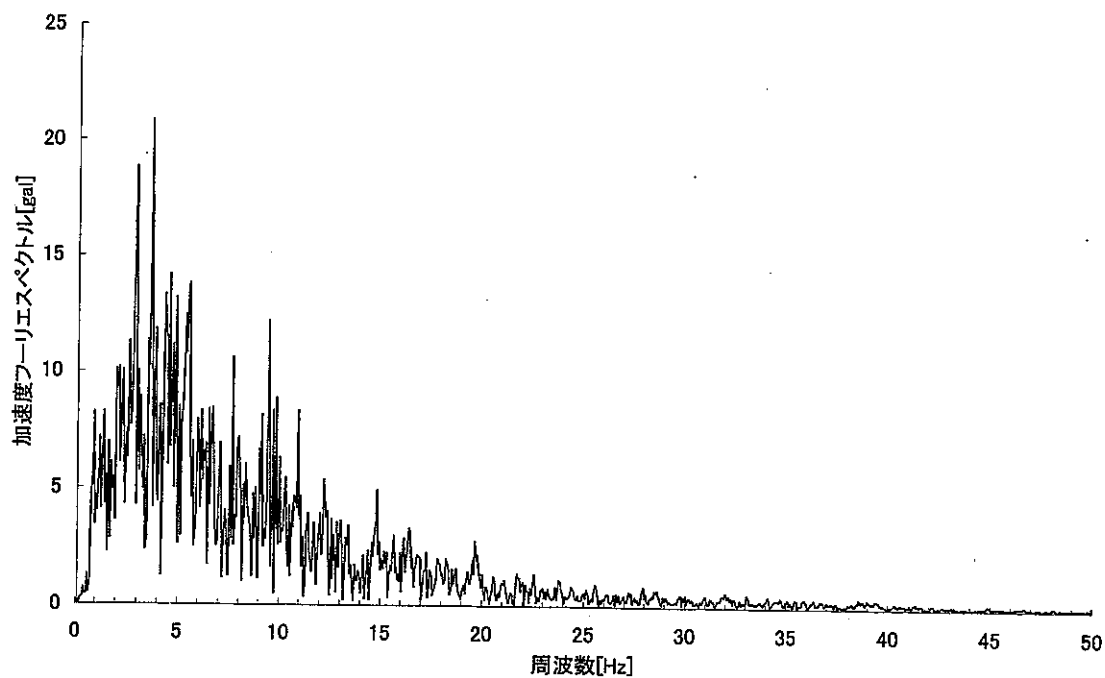
深度(m)	層 No.	層厚 (m)	岩種	単位体積重量 ρ (t/m ³)	弾性波速度		G(MPa)	動弾力比 ν_d	減衰定数 h (%)
					Vp(km/sec)	Vs(km/sec)			
-100	1	2	結 晶 質 岩	2.65	2.219	0.298	240	0.491	2.0
	2	2			2.333	0.392	416	0.485	
	3	2			2.443	0.483	630	0.480	
	4	2			2.548	0.569	876	0.474	
	5	2			2.649	0.652	1151	0.468	
	6	2			2.746	0.732	1449	0.462	
	7	2			2.838	0.808	1767	0.456	
	8	2			2.927	0.882	2102	0.450	
	9	2			3.012	0.952	2450	0.445	
	10	2			3.094	1.019	2810	0.439	
	11	10			3.455	1.317	4692	0.415	
	12	10			3.747	1.559	6572	0.395	
	13	20			4.177	1.914	9910	0.367	
	14	20			4.459	2.148	12482	0.349	
	15	20			4.644	2.303	14337	0.337	
	16	25			4.790	2.424	15883	0.328	
	17	25			4.875	2.495	16837	0.323	
	18	25			4.926	2.538	17417	0.319	
	19	25			4.956	2.563	17765	0.317	
	20	25			4.974	2.578	17973	0.316	
	21	25			4.985	2.587	18098	0.316	
	22	25			4.991	2.592	18172	0.315	
	23	25			4.995	2.595	18215	0.315	
	24	25			4.997	2.597	18242	0.315	
-500	25	25			4.998	2.598	18257	0.315	
	26	25			4.999	2.599	18266	0.315	
	27	25			4.999	2.599	18272	0.315	
	28	25			5.000	2.600	18275	0.315	
	29	25			5.000	2.600	18277	0.315	
	30	25			5.000	2.600	18278	0.315	
	31	25			5.000	2.600	18279	0.315	
	32	25			5.000	2.600	18279	0.315	
	33	25			5.000	2.600	18279	0.315	
	34	25			5.000	2.600	18279	0.315	
	35	25			5.000	2.600	18279	0.315	
	36	25			5.000	2.600	18280	0.315	
	37	25			5.000	2.600	18280	0.315	
	38	25			5.000	2.600	18280	0.315	
	39	25			5.000	2.600	18280	0.315	
	40	25			5.000	2.600	18280	0.315	
	41	25			5.000	2.600	18280	0.315	
	42	25			5.000	2.600	18280	0.315	
	43	25			5.000	2.600	18280	0.315	
	44	25			5.000	2.600	18280	0.315	
	45	25			5.000	2.600	18280	0.315	
	46	25			5.000	2.600	18280	0.315	
-1000	47	25			5.000	2.600	18280	0.315	
	48	25			5.000	2.600	18280	0.315	
	49	25			5.000	2.600	18280	0.315	
	50	25			5.000	2.600	18280	0.315	
	51	25			5.000	2.600	18280	0.315	
	52	25			5.000	2.600	18280	0.315	
	53	25			5.000	2.600	18280	0.315	
	54	25			5.000	2.600	18280	0.315	
	55	25			5.000	2.600	18280	0.315	
	56	25			5.000	2.600	18280	0.315	
	57	25			5.000	2.600	18280	0.315	
	58	25			5.000	2.600	18280	0.315	
	59	25			5.000	2.600	18280	0.315	

表2. 1. 1-2 岩盤物性値 (軟岩系)

深度	層No.	層厚(m)	岩種	単位体積重量 ρ (t/m ³)	弾性波速度		G(MPa)	動弾力比 ν_d	減衰定数 h (%)
					Vp(km/sec)	Vs(km/sec)			
-300	1	15	砂質岩	2.2	3.050	1.445	5649	0.355	2.0
	2	15			3.099	1.489	5995	0.350	
	3	15			3.146	1.531	6336	0.345	
	4	15			3.190	1.571	6671	0.340	
	5	15			3.234	1.609	7001	0.335	
	6	15			3.275	1.646	7325	0.331	
	7	15			3.315	1.681	7642	0.327	
	8	15			3.353	1.715	7952	0.323	
	9	20			3.402	1.758	8355	0.318	
	10	20			3.448	1.798	8746	0.313	
	11	20			3.492	1.837	9122	0.309	
	12	20			3.533	1.873	9486	0.305	
	13	20			3.573	1.907	9836	0.301	
	14	20			3.610	1.940	10174	0.297	
	15	20			3.646	1.970	10497	0.294	
	16	20			3.679	1.999	10808	0.291	
	17	20			3.711	2.027	11106	0.288	
-500	18	10	泥質岩	2.2	2.252	0.963	2508	0.388	2.0
	19	10			2.264	0.972	2556	0.387	
	20	10			2.276	0.981	2604	0.386	
	21	10			2.288	0.990	2651	0.385	
	22	10			2.299	0.999	2699	0.384	
	23	10			2.310	1.008	2746	0.383	
	24	10			2.321	1.016	2792	0.381	
	25	10			2.332	1.025	2839	0.380	
	26	10			2.343	1.033	2885	0.379	
	27	10			2.354	1.041	2931	0.378	
	28	10			2.365	1.049	2977	0.377	
	29	10			2.375	1.057	3022	0.376	
	30	10			2.385	1.065	3067	0.376	
	31	10			2.395	1.073	3112	0.375	
	32	10			2.406	1.080	3156	0.374	
	33	10			2.415	1.088	3200	0.373	
	34	10			2.425	1.095	3244	0.372	
	35	10			2.435	1.103	3287	0.371	
	36	10			2.445	1.110	3330	0.370	
	37	10			2.454	1.117	3373	0.369	
	38	10			2.463	1.124	3415	0.369	
	39	10			2.473	1.131	3457	0.368	
	40	10			2.482	1.137	3498	0.367	
	41	10			2.491	1.144	3540	0.366	
	42	10			2.500	1.151	3580	0.366	
	43	10			2.508	1.157	3621	0.365	
	44	10			2.517	1.164	3661	0.364	
	45	10			2.526	1.170	3701	0.363	
	46	10			2.534	1.176	3740	0.363	
	47	10			2.542	1.182	3779	0.362	
	48	10			2.551	1.188	3818	0.361	
	49	10			2.559	1.194	3856	0.361	
	50	10			2.567	1.200	3894	0.360	
	51	10			2.575	1.206	3932	0.360	
	52	10			2.582	1.212	3969	0.359	
	53	10			2.590	1.217	4006	0.358	
	54	10			2.598	1.223	4042	0.358	
	55	10			2.605	1.228	4078	0.357	
	56	10			2.613	1.233	4114	0.357	
	57	10			2.620	1.239	4150	0.356	
	58	25	砂質岩	2.2	4.108	2.357	15018	0.255	2.0
	59	25			4.121	2.366	15142	0.254	
	60	25			4.132	2.375	15258	0.253	
	61	25			4.143	2.384	15367	0.252	
	62	25			4.153	2.392	15469	0.252	
	63	25			4.162	2.399	15564	0.251	
	64	25			4.171	2.406	15653	0.251	
	65	25			4.179	2.412	15736	0.250	
	66	25			4.187	2.418	15814	0.250	
	67	25			4.194	2.424	15886	0.249	
	68	25			4.201	2.429	15954	0.249	
	69	25			4.207	2.434	16017	0.249	

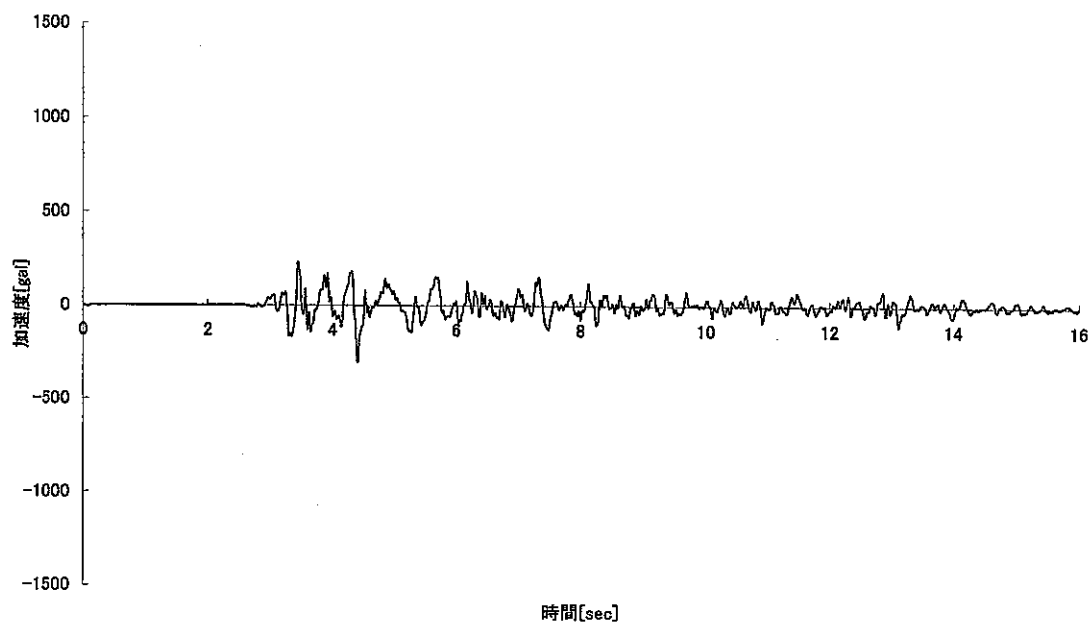


(a) 加速度波形

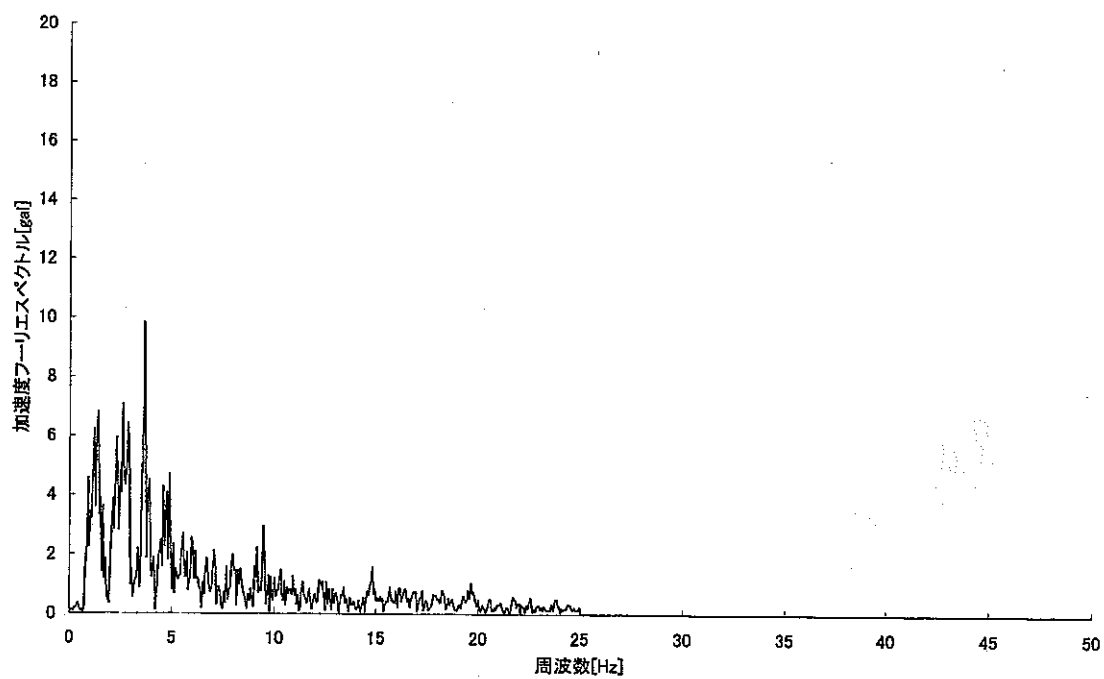


(b) フーリエスペクトル

図 2. 2. 2-1 エルセントロ波 (16.384 秒)

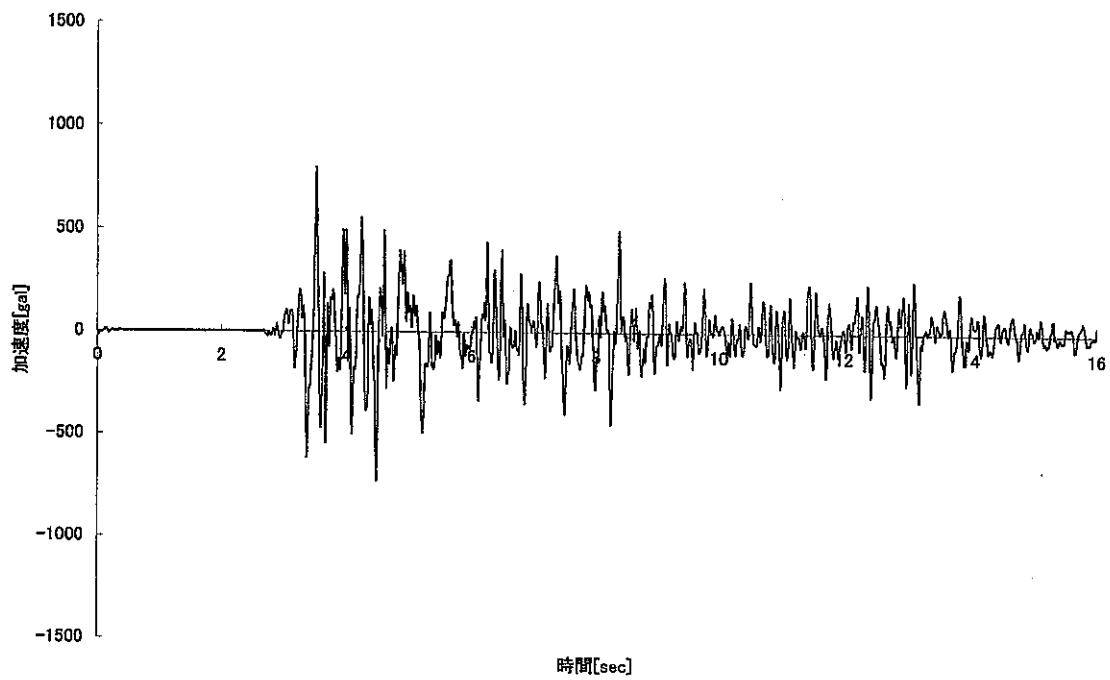


(a) 加速度波形

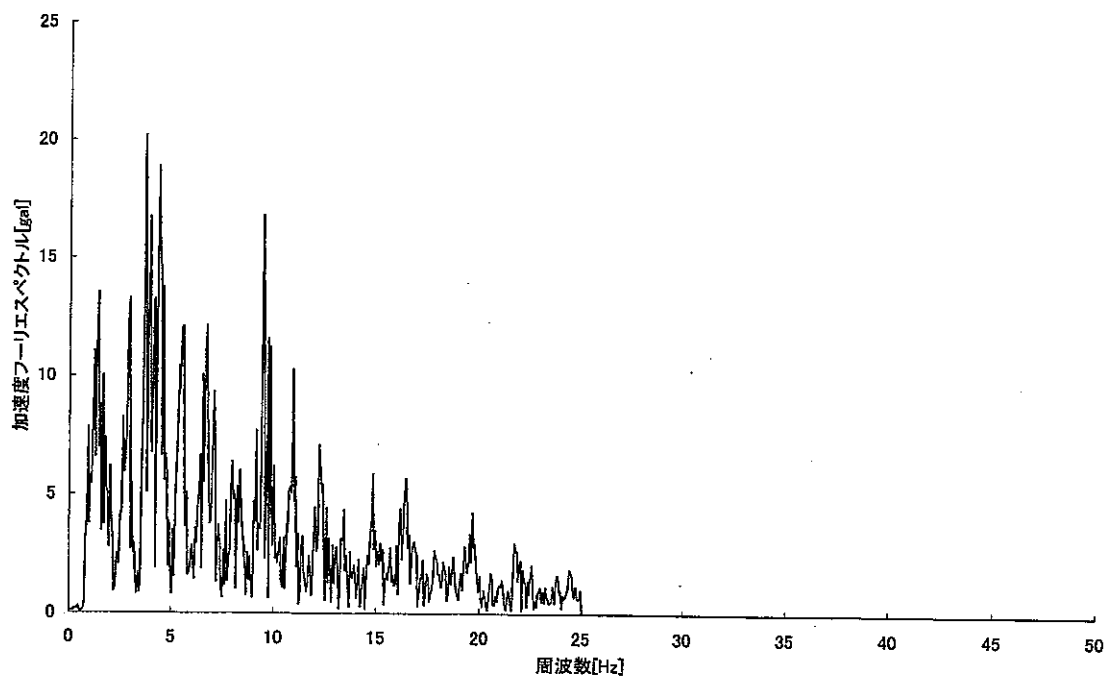


(b) フーリエスペクトル

図 2. 2. 3-1 処分震度 1000mにおける地中地震波 (硬岩系)



(a) 加速度波形



(b) フーリエスペクトル

図 2. 2. 3 - 2 処分震度 500mにおける地中地震波 (軟岩系)

3. 実処分場を想定したニアフィールドパラメータ解析

3. 1 はじめに

2000 年レポートドラフト版における処分概念ならびに地質環境条件に基づき、処分場閉鎖後のニアフィールド耐震性評価を実施した。対象とする人工バリア仕様は、2000 年レポートに向けた最新版のものであり、昨年度に実施した処分坑道横置きケースに対して坑道離間距離などが大幅に改訂されている。処分孔縦置きについても人工バリアの仕様が改めて設定されている。ここでは、これらの新しい仕様と JNC 殿で整備中の地質環境モデルからの諸情報に基づき、処分場閉鎖後のニアフィールドを対象とした三次元地震応答解析を行い、人工バリアシステムの耐震安定性について検討した。

3. 2 解析ケース

(1) 解析ケース設定の考え方

人工バリアシステムの耐震安定性を示すには、これまでに検討されている人工バリア地質環境および主なバリエーションを考慮し、代表ケースとして考えられる幾つかの典型的な人工バリアシステムに対して解析・評価を行い、地震時の力学的健全性ならびに処分場バリア性能の確保に関する見通しを得ることが重要と考えた。そこで本検討では、人工バリアシステムの代表的なケースとして、H3 レポート以来検討が進められている処分坑道横置きおよび処分孔縦置きの両定置方式を設定し、それぞれの定置方式に対応する岩種、処分深度を以下のとおり定めることとした。

- ・処分坑道横置き ; 硬岩系、地下 1000m
- ・処分孔縦置き ; 軟岩系、地下 500m

入力地震動には、処分深度に応じた二種類の波を想定する（第 2 章参照）。また、地震発生時の人工バリアの状態としては、処分場閉鎖後の比較的早い時期における緩衝材が乾燥している状態と、時間の経過に従い緩衝材内が地下水で飽和された状態とが想定されるため、上記の 2 つの定置方式に対して緩衝材の乾燥状態と飽和状態とをそれぞれ想定する。

さらに、解析を行う上でのモデル化手法の相違についても、解析結果への影響と解析・評価作業の効率化の観点から重要な因子であり、ここで設定する解析ケース間の相互比較を通じて概略の見通しを得ることが重要である。本検討では、①緩衝材－岩盤間などの不連続面や②緩衝材中の過剰間隙水圧の蓄積・消散効果のモデル化について、これらを考慮しない場合との比較を併せて行い、解析結果への影響を確認することとする。

(2) 解析ケース

以上より、本検討で対象とする解析ケースを表 3. 2-1 に示すとおり定めた（全 8 ケース）。ケース 1-1 およびケース 1-2 では硬岩系サイトの処分坑道横置き（深度-

1000m)を想定し、それぞれ緩衝材が乾燥状態にある場合と地下水の浸潤により飽和状態に達した場合とを想定するものである。緩衝材が乾燥状態にあるケース1-1では、初期条件としてオーバーバックの自重により発生する緩衝材内部の不均一な応力分布を考慮する。また、飽和状態のケース1-2では緩衝材の膨潤圧および静水圧による一様な応力分布を考慮する。この場合、オーバーバックの自重による初期応力は、膨潤圧ならびに静水圧による応力レベルに比較し十分小さく無視できるものと仮定した。ケース2-1およびケース2-2では、軟岩系サイトの処分坑縦置き(深度-500m)を想定し、同じく緩衝材が乾燥状態にある場合と飽和状態にある場合とを設定した。初期状態の考え方は処分坑横置きの場合と同様である。以上のケースでは、地圧により発生する周辺岩盤の不均一応力場を初期条件として併せて考慮するとともに、緩衝材を1相系材料として仮定(空隙内の地下水を考慮しない)した全応力解析を行い、本評価におけるレファレンスケースとして位置づけることとする。なお、処分坑横置きケースについては、緩衝材-岩盤間や緩衝材-オーバーバック間の不連続面のモデル化を考慮しないケースを設け、不連続面をモデル化した場合の解析結果との比較を行う。

ケース1-3およびケース1-4では、硬岩系サイトの処分坑横置きのみを想定し、いずれも緩衝材は飽和状態にあるものと仮定する。ただし、これらのケースでは緩衝材内に存在する間隙水の挙動を考慮した2相系解析を行い、地震による周期的外力の発生に伴う過剰間隙水圧の蓄積ならびに消散を逐次追跡するものとする。ケース1-3では、緩衝材内の初期状態は土骨格側と水側とを分けて指定する。ケース1-4では、さらにオーバーバックの腐食膨張により発生する緩衝材内のせん断応力および腐食膨張圧を土骨格側および水側でそれぞれ考慮する。なお、これらの条件はJNC 殿で実施されたオーバーバックの腐食膨張解析結果を利用することとする。

以上のケースでは、図3. 2-1に示す人工バリアの寸法諸元に従うものとする。

3.3 評価手順

図3. 3-1に上記の解析ケースに関する概略の評価手順を示す。ニアフィールドの地震応答解析を実施するためには、入力地震動、初期応力の設定等に関して、幾つかのプレ解析が必要となる。入力地震動の設定に関しては、第2章で記載したとおり重複反射理論に基づき推定した処分深度の地中地震波を使用する。これらの地中地震波は、JNC 殿より提示された仮想地質モデルに基づき、硬岩系並びに軟岩系のそれぞれについて設定したものである。また、地震発生時点におけるニアフィールド系内の応力状態を設定するためには、2種類の初期応力解析を必要とするものと考えた。一方は地圧による岩盤内の初期応力解析であり、他方は緩衝材内に定置されているオーバーバック自重による初期応力解析である。両解析に関する詳細は次節以降で後述する。さらに、人工バリアの固有値解析を通じて、オーバーバックならびに岩盤のレーリー減衰係数を設定する。なお、前述のとおりケース1-4に関してはオーバーバックの腐食膨張解析の結果を参

照する。

3. 4 初期応力解析

3. 4. 1 岩盤中の初期地圧計算（硬岩系、軟岩系）

（1）解析の目的と前提条件

本解析では、深部地下に位置する処分場ニアフィールド（岩盤領域）の地圧応力場を概略評価し、後述のニアフィールド地震応答解析に初期条件データを提供することを目的とする。解析・評価に先立ち、以下に示す仮定を設けた。

- ① 対象とする系は、処分坑道ないし処分ピット掘削前の均一無垢な岩盤系。
- ② 掘削後の坑道は自立維持を仮定し、坑道掘削による応力解放は考慮しない。

なお、解析は汎用有限要素解析コード NASTRAN（Ver.70）を使用した。

（2）解析モデル

処分坑道横置きケース（硬岩系）、処分孔縦置きケース（軟岩系）のそれぞれについて、図 3. 4. 1-1 および図 3. 4. 1-3 に初期応力解析モデルを示す。両ケースとも有限要素メッシュは後述の地震応答解析モデルとの整合性を踏まえ同一分割としており、幾何形状および荷重条件の対称性に基づく縮約は行っていない。荷重は、以下に示す深度（硬岩系-1000m、軟岩系-500m）に応じた土被り圧 P をモデル上面および側面から面分布荷重として作用させた。

$$\begin{aligned} P_{\text{横置き}} &= \text{岩盤密度} \times \text{処分深度} \\ &= 2.7 \times 10^3 [\text{kgf/m}^3] \times 1000 [\text{m}] = 2.7 \times 10^6 [\text{kgf/m}^2] = 2.65 \times 10^7 [\text{Pa}] \\ P_{\text{縦置き}} &= 2.2 \times 10^3 [\text{kgf/m}^3] \times 500 [\text{m}] = 1.1 \times 10^6 [\text{kgf/m}^2] = 1.08 \times 10^7 [\text{Pa}] \end{aligned}$$

なお、側圧係数は、JNC 殿の検討結果を踏まえ両ケースとも 1.0 とし、モデル底面では全ての自由度を拘束した。

（3）材料物性値

使用する岩盤物性値（ヤング率、ポアソン比、密度）は第 2 章で示した地質環境モデルの値（表 2. 2. 1-1，表 2. 1. 1-2 参照）に基づいた。

（4）解析結果

処分坑道横置きケース（硬岩系 G.L-1000m）の解析結果より、後述の地震応答解析で想定する地震波の加振方向成分（処分坑道の長手方向）に対応するせん断応力 τ_{yz} を図 3. 4. 1-2 に示す。同様にして、処分孔縦置きケース（軟岩系 G.L-500m）の結果を図 3. 4. 1-4 に示す。処分坑道横置きケースでは、解析モデル境界に面分布加重として作用させた約 30MPa の土被り圧に対して、岩盤内で発生するせん断

応力は 0.5MPa 以下となった。また、処分孔竖置きケースでは、土被り圧 10MPa 程度に対して、0.1MPa 以下の応力値となった。両ケースとも、モデル底面の隅角部では、解析領域内部に比較して若干高いせん断応力が発生している。これは、モデル底面を拘束条件としたことによる影響である。しかしながら、その影響範囲は底部境界から遠ざかるにつれて小さくなり、処分坑道近傍の岩盤では概ね一様の応力分布となっているため、後述のニアフィールド地震応答解析ではこれを直接利用することとする。

3. 4. 2 緩衝材中の自重分布計算

(1) 解析の目的と前提条件

本解析では、緩衝材内に定置されたオーバーバック（含ガラス固化体）の自重により発生する応力分布を見積もる。ここで対象とする緩衝材は乾燥状態のみとし、飽和状態における自重応力は地下水の浸潤により発生する膨潤圧や静水圧に比較して十分小さく無視できるものと仮定する。解析は前項同様、汎用有限要素解析コード NASTRAN (Ver.70) を使用した。

(2) 解析モデル

図 3. 4. 2-1 に自重解析モデルを示す。人工バリアの幾何形状は、図 3. 2-1 に準拠している。また、前項の初期応力解析と同様に有限要素メッシュは後述の地震応答解析モデルと同一とし、対称性を考慮したモデルの縮約は行っていない。境界条件としては、モデル周辺境界を全て固定した。

(3) 材料物性値

本解析で使用する諸物性値は、以下に示すとおりである。緩衝材物性については、JNC 殿提示の諸データに従った。オーバーバックおよびガラス固化体は、機械工学便覧等を参考に設定した。

・緩衝材	；ポアソン比	0.20	[-]
	；ヤング率	238.8	[MPa]
・オーバーバック	；密度	76.24	[kN/m ³]
	；ポアソン比	0.30	[-]
	；ヤング率	205.8	[MPa]
・ガラス固化体	；密度	21.56	[kN/m ³]
	；ポアソン比	0.25	[-]
	；ヤング率	803.6	[MPa]

(4) 解析結果と考察

オーバーパックの自重による緩衝材内の変形挙動を図3. 4. 2-2（処分坑道横置きケース）および図3. 4. 2-5（処分孔縦置きケース）に示す。また、前記の土被り圧による初期地圧計算と同様に、緩衝材内で発生するせん断応力 τ_{yz} を図3. 4. 2-3（処分坑道横置きケース）および図3. 4. 2-6（処分孔縦置きケース）に示す。両ケースとも、オーバーパックの自重により発生する緩衝材内の変形量は $10^{-4} \sim 10^{-5} \text{m}$ と小さく、変形はほとんど生じていない。また、せん断応力については処分孔縦置きケースで処分ピットと坑道の交差部付近の緩衝材で約 20KPa のせん断応力が発生しているが、その他の領域では 4KPa 以下の小さな応力分布となった。

3. 5 固有値解析

3. 5. 1 解析の目的と前提条件

人工バリアの基本周波数および振動モードを把握するため、ガラス固化体、オーバーパック、緩衝材（乾燥、飽和）より構成される人工バリアの実固有値解析を実施する。また、本解析より得られた固有周波数を用い、人工バリア構成材ならびに周辺岩盤に対するレーリー減衰係数を試算する。ただし、後述のとおり、緩衝材は履歴減衰のみを考慮した非線形材料として扱われるため、ここで試算された粘性減衰は適用しない。

3. 5. 2 解析手法

後述のとおり、ここでは本研究で開発中の解析コードに加えて、汎用有限要素解析コード FINAS、NASTRAN を用いて固有値解析を行った。FINAS では、本解析コードと同様に MK 型固有値問題の大規模固有値解法に適したサブスペース法（部分空間反復法）を採用した。また NASTRAN では、固有値の見落としが少なく、数値的に正確な解が得られるとされている Lanczos 法を用いた。Lanczos 法は反復法的一种であり、解くべき固有方程式と同じ固有値を持つ 3 重対角マトリクスを介することにより、近似的に固有値を求めるものである。Lanczos 法に関する詳細は、例えば戸川（1984）の文献を参照にされたい。

3. 5. 3 解析モデル

解析モデルは、前項の自重解析モデルと同様である。

3. 5. 4 材料物性値

本解析で使用する物性値は、以下に示すとおりである。前記と同様、緩衝材物性については JNC 殿提示の諸データに従った。オーバーパックおよびガラス固化体は、機械工学便覧等を参考に設定した。

・緩衝材（乾燥）；密度	15.68	[kN/m ³]
；ポアソン比	0.20	[-]

	；ヤング率	238.8	[MPa]
・緩衝材（飽和）	；密度	19.60	[kN/m ³]
	；ポアソン比	0.49	[－]
	；ヤング率	117.6	[MPa]
・オーバーバック	；密度	76.24	[kN/m ³]
	；ポアソン比	0.30	[－]
	；ヤング率	205.8	[MPa]
・ガラス固化体	；密度	21.56	[kN/m ³]
	；ポアソン比	0.25	[－]
	；ヤング率	803.6	[MPa]

3. 5. 5 解析結果と考察

表3. 5. 5-1に人工バリアの固有周波数（1次モード～5次モード）を示す。乾燥状態の場合、一次の固有周波数は77.41Hzと高い値を示しており、第2章で定めた入力地震動で卓越する周波数帯域（5Hz前後）から大きく離れている。剛性が半分近く低下した飽和状態のケースでも、約66Hzと高い値を示している。図3. 5. 5-1には、対応する固有モードを示した。表3. 5. 5-2に示したモード刺激係数^{（注釈）}と併せることで人工バリアの固有モードを把握することができる。乾燥状態の場合、Y方向並進の刺激係数が卓越しており、処分坑道軸方向の挙動が顕著になることがわかる。図3. 5. 5-1に示した（a）図からも、ガラス固化体付近の運動が顕著であることが確認できる。また、飽和状態の場合は極端に卓越する刺激係数成分は認められないものの、Y方向並進、X軸回転およびZ軸回転の振動モードが支配的であることがわかる。図3. 5. 5-1（b）図に示したモード図からは、ガラス固化体の上下に位置する緩衝材の挙動のみが顕著になっており、他の領域はほぼ静止状態にあることが確認できる。乾燥状態と飽和状態の相違は、緩衝材の剛性と密度、ポアソン比により特徴付けられている。

（注釈）モード刺激係数

一般に、モード空間座標におけるモード変位 $\{q\}$ に関する運動方程式は次式で表される。

$$\{\ddot{q}\} + 2[H]\{\dot{q}\} + [\Omega]\{q\} = -\{\beta_r\}\ddot{x}_0$$

ここで、 $\{\beta_r\}$ は刺激係数ベクトル、 $\ddot{x}_0$ は地震加速度、 $[H]$ 、 $[\Omega]$ はそれぞれ正規直交化された行列を示している。すなわち刺激係数とは、地震による慣性力ベクトルの各モードへの射影成分を表しており、これにより各モード間の相対的な影響（地震荷重によるモード成分毎の影響）を確認することができる。

両ケースの固有周波数の差異は、双方の剛性の相違によるものとして解釈できるものの、固有モードの相違については解釈し難い。本研究で開発中の解析コード（サブスペース法）や他の汎用コード（FINAS.ver15 動燃事業団 1995：サブスペース法）を使用して同様の解析を実施したところ、乾燥状態に関してはいずれの解析コードも概ね一致する結果となるが、飽和状態に関しては NASTRAN（Lanczos 法）を含む3つの解析コード間でも大きく異なっている。本検討では、乾燥状態の固有周波数と比較して最も妥当と考えられる解を得られた NASTRAN の解析結果を採用することとし、今後他コードとのベンチマーク解析と併せたパラメータスタディを行い、原因の解明を行うこととする。

なお、オーバーパックおよび岩盤のレーリー減衰係数は、本検討で得られた人工バリアの一次周波数を用いて、次式により算定した。

$$\alpha_i = 1.4h\omega_i \quad \dots (3.5.5-1)$$

$$\beta_i = \frac{0.6h}{\omega_i} \quad \dots (3.5.5-2)$$

ここで α_i 、 β_i は*i*次モードのレーリー減衰係数であり、 h_i はオーバーパック、岩盤の*i*次モードの減衰定数である。

3.6 ニアフィールド地震応答解析

3.6.1 解析手法

本解析コードは、飽和多孔質媒体を構成する土水2相系の相互作用を考慮した Biot の圧密理論に基づく定式化を採用している（例えば、O.C.ieniewcs 他 1982）。多孔質媒体を構成する土骨格と間隙水の平衡方程式は、それぞれ以下のように表される。

土骨格

$$(1-n)\rho_s \ddot{\mathbf{u}} + \frac{n^2 \rho_f g}{K} (\dot{\mathbf{u}} - \dot{\mathbf{U}}) - \text{div}(\boldsymbol{\sigma}' - \boldsymbol{\sigma}_0) + (\alpha - n) \text{grad}(P - P_0) + \mathbf{f}_s = 0 \quad (3.6.1-1a)$$

間隙水

$$n\rho_f \ddot{\mathbf{U}} - \frac{n^2 \rho_f g}{K} (\dot{\mathbf{u}} - \dot{\mathbf{U}}) + n \text{grad}(P - P_0) + \mathbf{f}_f = 0 \quad (3.6.1-1b)$$

ここに、

n	; 間隙率	$[-]$
ρ_s	; 土骨格系の質量密度	$[\text{ML}^{-3}]$
ρ_f	; 間隙水系の質量密度	$[\text{ML}^{-3}]$

u	; 土骨格系の変位ベクトル	[L]
U	; 間隙水系の変位ベクトル	[L]
σ	; 有効応力テンソル	[FL ⁻²]
σ_0	; 初期有効応力テンソル	[FL ⁻²]
P	; 間隙水圧	[FL ⁻²]
P_0	; 初期間隙水圧	[FL ⁻²]
f_s, f_f	; 土骨格、間隙水に作用する物体力	[F]
K	; 等方性透水係数	[LT ⁻¹]

記号上の・は時間に関する微分を示し、ボールド体で記した記号はベクトル変数であること示している。これを有限要素法により離散化し、土骨格変位および間隙水変位を未知数として解いている。

時間積分法には、数値安定性の優れた Newmark の β 法（例えば、K.J.Bathe et.al 1976）を採用している。材料非線形性を考慮した繰り返し収束計算には初期剛性法（例えば、D.R.J.Owen et.al 1980）を採用している。応力-ひずみ関係を規定する構成則には、骨格曲線を指数関数で表す Ramberg-Osgood モデルを適用し、載荷曲線、除荷曲線を規定する履歴曲線は不規則波による繰り返し載荷を考慮した Masing 則（R.Pyke, 1979）に従うものとする。

また、緩衝材-岩盤間などの材料不連続面のモデル化には、Goodman 型のジョイント要素（R.E.Goodman et.al 1968）を採用し、地盤の半無限性を考慮した地震波伝搬挙動のモデル化には Lysmer 等による無限粘性境界要素（Lysmer et.al 1969）を適用する。

上記 3. 6. 1-1 式に示した運動方程式の下で、土・水の完全な連成挙動を考慮した液状化解析を行うためには、間隙水に関する構成則を規定しなければならない。しかしながら、現時点ではベントナイトや砂ベントナイト等の粘性土を対象とした 3 次元液状化解析を行った事例は少なく、構成則に関する知見も限られている。そこで本解析コードの整備に当たっては、比較的事例が多く、かつ室内試験による実測データが蓄積されつつある砂層を対象とした液状化解析手法（例えば、宮崎 1990）を参考にし、簡易的な連成解法を暫定的に併用できることを当面の目標としてきた。すなわち、各時間ステップで土骨格のみの地震応答解析を行い（1 相系解析）、その結果として得られたせん断応力値を用いて過剰間隙水圧の発生・消散の計算を行う。過剰間隙水圧の蓄積・消散に伴い土骨格剛性の変化が生じる場合は、実験式等に基づき更新された新しい剛性を次ステップの地震応答解析に受け渡す（2 相系解析、図 3. 6. 1-1 参照）。過剰間隙水圧の蓄積量は、JNC 殿で実施された液状化試験の結果（動力炉・核燃料開発事業団、1998）を踏まえ、一定振幅応力の繰り返し載荷環境下における間隙水圧の上昇量と繰り返し回数とを比例関係として扱い、さらに Annaki 等に

よる被害蓄積の概念を適用することにより算出する (Annaki, et al, 1997)。また、蓄積した水圧の消散は、土骨格の圧密と変形剛性の低下は保守的に無視し、さらに間隙水の消散速度は非常にゆっくりとした現象であると仮定し、3次元非定常浸透流方程式に帰着することにより評価する。

3. 6. 2 入力地震動

本地震応答解析では、第2章で推定した処分深度に応じた地中地震波を使用する。ただし、解析に要する計算メモリや解析時間の制約等を踏まえ、最大加速度が発生する時間点を含む3.0秒間（時間ステップ0.001秒、時間点3000点）の加速度波形を入力地震動として定めた。図3. 6. 2-1に硬岩系、軟岩系の入力地震動を示す。図中に併記したフーリエスペクトルは、入力地震動として使用する3000ステップのデータ系列より 2^{11} 点（2048点）のデータ系列を使用してフーリエ変換したものである。

3. 6. 3 解析モデル

(1) 1相系解析

a. 処分坑道横置きケース

処分坑道横置きケースのニアフィールド解析領域の諸元を図3. 6. 3-1に示す。また、図3. 6. 3-2に有限要素分割を行った地震応答解析モデル（処分坑道横置き）を示す。岩盤部のモデル化範囲は、これまでに得られた知見に基づき、後述の粘性境界要素により反射波を十分吸収できる距離を設定したものである（PNC ZJ 1458 97-003, 1997）。また、系の有限要素メッシュは、現状で利用可能な計算機環境の下で効率的に解析作業が実施できる範囲で設定した。ただし、鉛直方向（Z軸方向）の要素長さに関しては、入力地震動に含まれる最大波長を十分表現できる範囲で設定した。

境界条件としては、隣接するガラス固化体を考慮するため、側面を構成する周辺境界自由度を多点拘束条件として設定した。すなわち、二組の側面（±X断面、±Y断面）の各組合わせに関して、ガラス固化体中心に対して鏡面对称の関係にある節点が同一運動を行うよう多点拘束条件として指定した。また、モデル上面、底面には地震波の入射と散逸を考慮するため粘性境界を設けており、さらに緩衝材-岩盤間、オーバーパッカー-緩衝材間には材料不連続特性を考慮するジョイント要素を設けた。

なお、本モデルの総要素数および総節点数はそれぞれ1568, 1685である。

b. 処分孔縦置きケース

処分孔縦置きケースのニアフィールド解析領域の諸元を図3. 6. 3-3に示す。また、図3. 6. 3-4に有限要素分割を行った地震応答解析モデル（処分孔縦置き）を示す。処分坑道横置きケースと同様に、岩盤部のモデル化範囲は、解析領域内部か

らの反射波を十分吸収できる距離を設定した。境界条件についても、処分坑道横置きと同様の方針で設定した。ただし、ジョイント要素は処分ピット内の緩衝材と周辺岩盤ならびにオーバーバック-緩衝材間の不連続面のみに設定しており、埋め戻し材と岩盤間には設けていない。

なお、本モデルの総要素数および総節点数はそれぞれ 3696, 3750 である。

(2) 2相系解析

図 3. 6. 3-5 にオプションケースとして定めた 2 相系モデルを示す（処分坑道横置きケース 1-3, 1-4）。

これらのケースでは緩衝材のみを 2 相系材料として扱っており、繰り返しせん断荷重による過剰間隙水圧の発生・消散と液状化の可能性について着目しているため、解析領域を人工バリアのみに限定した。また、JNC 殿の腐食膨張解析モデルと整合性をとるため、ガラス固化体のモデル化は省略した。周辺岩盤を解析領域から省略したことにより、地震入射波を定義する水平な岩盤面を設定することができないため、地震荷重を慣性荷重として作用させた。また、モデル化範囲は対象とする領域の幾何学的対称性および荷重条件の対称性を仮定し、1/8 領域の対称モデルとした。緩衝材外周の境界条件は、周辺岩盤と一体となるものと仮定し、全ての自由度を拘束した。対称面の境界条件は、人工バリア長手方向の加振方向に対して対称境界となるよう図中に示すとおり設定した。間隙水に関する境界条件は深度 1000m における静水圧を考慮し、緩衝材外周の境界を 10MPa の水圧規定境界と定めた。緩衝材端部ならびにオーバーバックとの境界面は非排水境界とした。

3. 6. 4 材料物性値

(1) 1相系解析

表 3. 6. 4-1 にニアフィールド構成材料に関する材料物性値を本検討で実施する解析ケース毎に整理した。ガラス固化体およびオーバーバックに関しては、昨年度に使用したものと同じ値を採用している。ただし、これまで考慮していなかったオーバーバックの減衰定数に関しては、JNC 殿より提示された 0.5%を新たに採用することとした。緩衝材の物性に関しては、JNC 殿で実施されたケイ砂 30wt% 混合ベントナイトの動的 3 軸試験より定めた。周辺岩盤の物性は、第 2 章で用いた地質環境モデルの諸量に従っている。また、ジョイント面のせん断剛性に関しては JNC 殿で実施された緩衝材-岩盤の一面せん断試験の結果を利用した。鉛直剛性に関しては、利用可能な実データが未整備であるため、岩盤ないし緩衝材の剛性をジョイント面の要素長さで補正した値を暫定値として用いた。

(2) 2相系解析

表 3. 6. 4-2 に 2 相系解析で使用する諸物性を示す。第 3 章で記載したとおり、本検討では間隙水圧上昇曲線を比例関係とするため、SEED のモデルに関する実験パラメータは不要である。したがって、過剰間隙水圧の発生・蓄積の計算に必要な実験パラメータは、液状化応力比 R_{L20} と勾配を規定するパラメータ η である。これらのパラメータは JNC 殿の液状化試験データに基づき設定した。繰り返しせん断応力と有効応力の関係（応力経路）上の破壊線を規定する緩衝材の内部摩擦角については、JNC 殿より提示された値を設定した。間隙水の消散に関する体積弾性係数については、緩衝材のヤング率およびポアソン比より定めた。

3. 6. 5 初期条件

(1) 1 相系解析

3. 4. 1～3. 4. 2 項で記載した初期応力解析結果を利用する。周辺岩盤内では、いずれの解析ケースも土被りによる応力分布を初期状態として設定する。また、乾燥状態の緩衝材（ケース 1-1, ケース 2-1）には自重解析の結果のみを初期状態として設定し、飽和状態の緩衝材（ケース 1-2, ケース 2-2）には緩衝材の膨潤圧と処分深度に応じた静水圧を初期状態として設定する。

(2) 2 相系解析

オプションケース 1-3 および 1-4 に関しては、緩衝材の初期応力を土骨格側と間隙水側で別々に指定し、さらにケース 1-4 ではオーバーバックの腐食膨張解析結果を考慮した。

ケース 1-3 については、土骨格側は緩衝材の膨潤圧 0.5MPa と静水圧 10MPa を足し併せた全応力を圧縮応力として設定し、間隙水側は静水圧 10MPa を正圧として設定した。オーバーバックの腐食膨張圧の影響を考慮するケース 1-4 では、JNC 殿で実施された腐食膨張解析の結果より、図 3. 6. 5-1 に示す水圧分布を初期値として定めた。この腐食膨張解析は 2 次元軸対称モデルを用いているため、人工バリアの径方向に一様の水圧分布を設定した。また、土骨格側の初期応力としては、同解析より得られた 2 次元軸対称系の応力成分を 3 次元系に座標変換することにより設定した。

3. 6. 6 評価点

図 3. 6. 6-1 に処分坑道横置きケースの評価点と評価断面を示す。評価点 A および C はそれぞれ緩衝材内側、外側の境界面上にあり、この境界面の不連続な挙動の有無を確認するため、ジョイント要素を構成する 2 つの節点を評価点として定めた。緩衝材中の評価点には、ガラス固化体中心に対して点对称の関係にある 2 点を定めた。評価断面は、図中①～③に示すとおり、ガラス固化体中心と左右の端部に設けた。なお、2 相

系解析として実施するケース 1-3 およびケース 1-4 については、上記の緩衝材内の評価点 B1 とオーバーパック上の評価点 C に相当する点を改めて評価点 A,B として定めた。

同様に、処分坑縦置きケースの評価点および評価断面を図 3. 6. 6-2 に示すとおり定めた。このケースでは加振方向がガラス固化体軸断面に垂直となるため、処分ピットの高さ方向に沿って多くの評価点を設けた。

3. 6. 7 解析結果と考察

解析結果は、各ケースにつき入力地震波が最大加速度となる時間断面付近における変形モード、加速度モード、せん断応力およびせん断ひずみのコンター図として整理した。また、図 3. 6. 7-1 に示した全ての評価点における応答変位および応答加速度の経時変化を示し、さらに入力地震動と応答加速度との周波数特性の差異を相対的に把握するため、各評価点における加速度フーリエスペクトルを示した。なお、ジョイント要素を設けた一部のケース（解析ケース 1-2）では、応答成分に高い周波数の数値振動が認められたため、それらのものについてはフィルターを介しノイズ成分の除去を行った。

以下に、緩衝材の動的応答挙動に着目した耐震安定性について、主としてレファレンスケースとして設定した 1 相系解析の結果から考察し、過剰間隙水圧の蓄積に伴う緩衝材の液状化の可能性について、オプションケースとして設定した 2 相系解析の結果から考察する。

(1) 人工バリアシステムの地震時応答挙動と耐震安定性

レファレンスケースとして設定した硬岩系処分坑道横置きケース 1-1（緩衝材乾燥状態）およびケース 1-2（緩衝材飽和状態）の解析結果より、人工バリアシステムの地震時応答挙動ならびに耐震安定性について考察する。

処分後の比較的早い時期を想定したケース 1-1 では、地震波が処分場を通過する際の応答変位および応答加速度は極めて小さく、人工バリア内部に設けた全ての評価点で応答量が発生しない結果となった（図 3. 6. 7-1）。ジョイント要素上の評価点 Aout の応答加速度については、入力地震動とほぼ同様の波形となっており、入力波に対する顕著な応答増幅ならびに位相遅れ等は認められない。これは、人工バリアが周辺岩盤と接する緩衝材外周に粘着力やせん断剛性をゼロとしたジョイント要素を設けたために、人工バリア内にエネルギーが伝搬しないことによるものである。すなわち、ジョイント要素を設けた不連続面に沿った外力に対して抵抗しないためである。解析領域全体としての応答性状は、処分坑道内の人工バリアは静止状態にあり、周辺岩盤のみが地震波の伝搬に伴い運動している状態にある（図 3. 6. 7-2）。一方、地下水の浸潤より緩衝材が飽和に達したケース 1-2 では、人工バリア内部に設けた幾つかの評価点で入力地震波に対して短い周期の応答成分が発生する結果となった（図

3. 6. 7-9)。このケースでは、不連続面に設けたジョイント要素に緩衝材の膨潤圧相当の初期拘束圧を与えており、さらに一面せん断試験より得られたせん断剛性 4.41MPa を考慮しているため、外力に対する抵抗をもつことになる。加速度波形に認められた短周期の応答成分は、緩衝材内部のせん断剛性（約 10^8Pa ）に比較して低い剛性のジョイント面の存在により、人工バリア全体としての固有周波数が変化したためと考えられる。すなわち、人工バリアの応答性状は緩衝材-岩盤間の不連続面の影響を受け、全体としての実質的な等価剛性により定まる固有周波数と固有モードに支配されるものと考えることができる。なお、図3. 6. 7-10に示した変位モードおよび加速度モードからは、周辺岩盤に対して人工バリア部が過大に応答している様子が確認できる。これは、低剛性のジョイント部の弾性変形に応じたものであり、モールクーロン則に従うせん断強度を超過した不連続変形ではないことを別途確認している。

図3. 6. 7-3および図3. 6. 7-11に解析領域全体ならびに緩衝材部全体と坑道断面におけるせん断応力の分布を示す。周辺岩盤では3. 4節で述べたモデル底部の拘束境界による局所的な応力集中を除いて、乾燥状態、飽和状態ともに 0.1MPa オーダの均一なせん断応力となっている。これは、3. 4節に示した土被り圧による初期応力場を表しており、地震により発生する岩盤中の動的せん断応力は極めて小さいことを意味している。また、緩衝材内のせん断応力は、オーバーバックの自重により発生する初期せん断応力を考慮した乾燥状態（ケース1-1）で 10^{-3}MPa 以下となっており、また初期せん断応力を考慮しない飽和状態（ケース1-2）でも概ね同等の結果となっている。ただし、ケース1-2ではジョイント要素を設けた緩衝材-岩盤間の不連続面での弾性変形があるため、ケース1-1に比較して若干高い応力値が緩衝材内で発生している。

同様に、図3. 6. 7-4および図3. 6. 7-12に解析領域全体ならびに緩衝材部全体と坑道断面におけるせん断ひずみの分布を示す。両ケースとも緩衝材内で発生するひずみレベルは 10^{-5} 以下にある。ケース1-2では、弾性変形を許容したジョイント要素の影響により、緩衝材内のひずみレベルが若干大きくなっているが、いずれのケースも発生するひずみレベルは小さく、緩衝材の非線形性は顕著にならないものと判断できる。

以上より、処分場を通過する地震波により発生する緩衝材内のせん断応力は、土被り圧により発生する岩盤中の応力やオーバーバック自重により発生する応力に比較して十分小さく、緩衝材のせん断破壊には至らないものと判断する。

(2) 不連続面の応答挙動

緩衝材の内側（オーバーバック-緩衝材間）および外側（緩衝材-岩盤間）に設けたジョイント要素により表される不連続面の応答挙動に着目し、人工バリアの耐震安

定性について考察する。比較のため、ジョイント要素を設けないケース（乾燥、飽和）についても同様の解析を行った（ケース1-1a；図3.6.7-5～図3.6.7-8，ケース1-2a；図3.6.7-13～図3.6.7-16）。ジョイント要素を設けない場合は、人工バリアは周辺岩盤と一体となって応答し、入力地震動に対する顕著な応答の増幅や位相の遅れ等は認められない。また、人工バリア内の応力分布、ひずみ分布は、乾燥状態（ケース1-1a）と飽和状態（ケース1-2a）でほぼ同じ結果となっている。これは、前記のジョイント要素を設けたケースと大きく異なる点であり、地震により人工バリア内で発生するせん断応力およびせん断ひずみは、ジョイント要素としてモデル化した不連続境界面の力学特性により決まるものと考えられる。すなわち、不連続境界を考慮した場合は、処分場を通過する地震波による運動エネルギーの一部はジョイント要素の弾性力（不連続変形を生じた場合は、ジョイント面の剛体運動に必要な慣性力）と人工バリアの弾性力の双方に分配されるが、これを考慮しない場合は人工バリアの弾性力として負担する割合が大きくなる。その結果、ジョイント要素を考慮したケースでは、乾燥状態（ケース1-1）と飽和状態（ケース1-2）でジョイント要素が負担する弾性力に差異が生じ、結果的に両者の応答性状が大きく異なってくる。従って、ジョイント要素を考慮しないケース（ケース1-1a，ケース1-2a）では、ほぼ同様の結果となる。

なお、緩衝材外側のジョイント部における過大な不連続変形は、実際の処分パネルの区画スケールで考えた場合、その区画端部ではガラス固化体間の距離が短くなる可能性があり、ガラス固化体定置の観点からは好ましいものではない。逆に、ジョイント部の不連続変形が全く許容できない場合は、緩衝材内にエネルギーが全て伝達し、応力値が高くなる可能性がある。ジョイント部の不連続変形をある程度許容しつつ、緩衝材内に発生する動的せん断応力を低減できる状態が耐震性上好ましい。

（3）ガラス固化体定置方式の相違

処分坑縦置きケース（ケース2-1、ケース2-2）について、前記の処分坑道横置きケースと同様に結果を整理した（図3.6.7-17～図3.6.7-24）。

両ケースともに、緩衝材内の全ての評価点で同一の応答を示しており、地震波の通過に伴う応答の増幅は顕著にならない（図3.6.7-17、図3.6.7-21）。ただし、飽和状態を想定したケース2-2では、前記の処分坑道横置きケースと同様にジョイント要素が原因と考えられる短周期の応答成分が認められる。図3.6.7-18（ケース2-1）および図3.6.7-22（ケース2-2）に示した変位、加速度モードからは、人工バリアは横坑道の埋め戻し材で若干の変形を示しているものの、ほぼ周辺岩盤と一体となって運動していることがわかる。なお、図3.6.7-18に示した加速度モードには、処分ピット部の変形後の応答形状が著しく乱れている様子が確認できる。これは、ジョイント要素の不連続変形に起因する数値振動が

現れたためである。せん断応力およびせん断ひずみについては、前記の処分坑道横置きケースと概ね同様の傾向が確認できる（図3.6.7-19, 図3.6.7-23）。すなわち、処分ピット内の緩衝材で発生するひずみレベルは 10^{-4} 以下となり非線形性は顕著にならず、また発生するせん断応力は初期せん断応力に比べ十分小さく緩衝材のせん断破壊は生じないものと判断できる。

なお、前述の処分坑道横置きケースとの応答性状の主な相違は、ガラス固化体軸（高さ方向）と加振方向の相違として現れている。処分坑道横置きケースでは、ガラス固化体軸が加振方向と一致しているため、ガラス固化体は周囲の緩衝材と一体となって運動する。従って、ガラス固化体軸に沿った応力ないしひずみの分布は概ね一様となる。一方、ガラス固化体軸と加振方向が異なる処分孔縦置きの場合は、ガラス固化体軸に対して垂直に加振されるため、ガラス固化体（オーバーパック）上下の両端部周辺の緩衝材で応力、ひずみが若干大きくなる。これは、処分ピット内のガラス固化体付近の緩衝材とガラス固化体に作用する慣性力が異なるためと考えられる。

（4）間隙水圧の応答挙動

緩衝材内の過剰間隙水圧の蓄積・消散を考慮した2相系解析（腐食膨張前；ケース1-3，腐食膨張後；ケース1-4）の結果を図3.6.7-25～図3.6.7-28に示す。

本検討では、間隙水圧の蓄積による緩衝材土骨格の剛性低下は保守的に考慮していないため、人工バリアの応答は1相系解析ケースの結果と概ね同様になっている。ただし、モデル周辺を拘束しているため、緩衝材で発生するせん断応力が若干異なっている。いずれのケースも（腐食膨張前・後）、緩衝材内のせん断応力は $10^{-2} \sim 10^{-3} \text{MPa}$ の範囲にあり、せん断破壊は生じないものと判断できる。

解析終了時刻3.0秒後の間隙水圧の分布は、ケース1-3で10MPaとなっており、初期状態として設定した静水圧場からの変動は認められなかった（過剰間隙水圧は 10^{-5}Pa 以下）。また、ケース1-4で静水圧に加えて腐食膨張圧を初期水圧として考慮したケースでも同様の結果となった。これは、腐食膨張圧自体が 10^{-3}Pa 以下であり、静水圧10MPaに比較して十分小さいためである。これらの結果より、地震動の継続時間が数十秒にわたり、緩衝材に繰り返しせん断サイクルが多数載荷される環境下であっても、過剰間隙水圧の蓄積量は小さく、緩衝材は液状化には至らないものと考えられる。

3.6.8 まとめ

2000年レポートのレファレンスケースに準拠した最新の人工バリア仕様を用い、ニアフィールドの耐震性評価を行った。得られた成果と課題についてを以下に要約する。

- ・ 処分坑道横置きケースの人工バリアを対象とした固有値解析より、一次の固有周波数は乾燥状態で約 77Hz、飽和状態で約 66Hz となることがわかった。ただし、本研究で開発した解析コードに加えて、FINAS、NASTRAN による解析を行ったところ、乾燥状態についてはいずれの解析コードを利用した場合も同様の結果となるものの、飽和状態では概ね 60Hz～100Hz の範囲でそれぞれ異なる結果を得た。これは、飽和状態でポアソン比を 0.5 近くに設定したことと、各コードで採用している数値解法の違いによるものと考えられる。今後、これらの原因を確認するとともに、本研究で開発中の解析コードの適用範囲を明確にする必要がある。
- ・ 上記の固有周波数は、使用した入力地震動の周波数（5～10Hz）に比較して極めて高く、人工バリアの応答増幅は顕著にならない。
- ・ 緩衝材内側、外側の不連続面を考慮した地震応答解析では、緩衝材内の応答加速度に短い周期成分が含まれる。これは、緩衝材外側の不連続面を含めた人工バリア全体としての固有周波数が低下し、入力地震動にわずかに応答したためと考えられる。今後人工バリアの外側境界に、不連続面の力学特性を考慮したバネ要素ないし低剛性層のソリッド要素を設ける等により、ジョイント要素の影響を考慮したケースの固有周波数を把握することが必要である。
- ・ 処分坑道横置き、処分孔縦置きのいずれのケースにおいても、処分場を通過する地震波により発生する緩衝材内のせん断応力は、土被り圧により発生する岩盤中の応力やオーバーバック自重により発生する応力に比較して十分小さく、緩衝材のせん断破壊は生じない。
- ・ 緩衝材外側のジョイント部における過大な不連続変形は、実際の処分パネルの区画スケールで考えた場合、その区画端部ではガラス固化体間の距離が短くなる（ガラス固化体同士が接近する）可能性がある。逆に、ジョイント部の不連続変形が全く許容できない場合は、緩衝材内にエネルギーが全て伝達し、応力値が高くなる可能性がある。ジョイント部の不連続変形をある程度許容しつつも、緩衝材内に発生する動的せん断応力を低減できる状態が耐震性上好ましい。
- ・ 継続時間が 3.0 秒間の地震動により発生する緩衝材内の間隙水圧は極めて小さく（ 10^{-5} Pa 以下）、地震発生前の静水圧場（10MPa）からほとんど変化しない。地震動の継続時間が数十秒にわたり、緩衝材に繰り返しせん断サイクルが多数載荷される環境下であっても、過剰間隙水圧の蓄積量は小さく、緩衝材は液状化には至らないものと考えられる。

- ・ 1相系解析におけるジョイント要素の有無や2相系解析における腐食膨張圧の有無による解析結果の相違について確認することができた。ジョイント要素については、前記のとおり、人工バリア内の応答に大きく影響する可能性があるため、今後ともパラメータの精度向上と併せて検討を進めていく必要がある。また、2相系解析における間隙水に作用する腐食膨張圧については、静水圧に比較して十分小さく、過剰間隙水圧の蓄積・消散の挙度はこれに依存しないことがわかった。

表 3. 2-1 解析ケース

	ケース	岩種	定置方式	処分深度	緩衝材の状態	初期条件	
						緩衝材	岩盤
1 相系 (全応力) 解析 レファレンスケース	1-1	硬岩	横置き	1000m	乾燥	O.P 自重 ⁽¹⁾	土被り圧 ⁽⁷⁾
	1-1a ⁽⁸⁾	↑	↑	↑			
	2-1	軟岩	縦置き	500m			
	1-2	硬岩	横置き	1000m	飽和	膨潤圧+静水圧 10.5MPa ⁽²⁾	
	1-2a ⁽⁸⁾	↑	↑	↑		↑	
	2-2	軟岩	縦置き	500m		膨潤圧+静水圧 10.5MPa ⁽³⁾	
2 相系解析 オプション	1-3	硬岩	横置き	1000m		土骨格; 膨潤圧 ⁽⁴⁾ 間隙水; 静水圧 ⁽⁵⁾	
	1-4	硬岩	横置き	1000m		土骨格; 膨潤圧 ⁽⁶⁾ 間隙水; 水圧 ⁽⁶⁾	

(1) 廃棄体+オーバーバック+緩衝材系の初期応力解析に基づく。

(2) 膨潤圧 0.5MPa+静水圧 10MPa

(3) 膨潤圧 0.5MPa+静水圧 5MPa

(4) 緩衝材土骨格に有効応力として膨潤圧 0.5MPa を考慮。

(5) 緩衝材間隙水に静水圧 10MPa を考慮。

(6) JNC 殿所有の O.P 腐食膨張解析結果 (2次元軸対象モデル) に基づく。初期水圧は静水圧+腐食膨張圧として考慮。

(7) 全系の初期応力解析に基づく。ただし、処分坑道および処分孔は自立するものと仮定。

(8) ジョイント要素を考慮しないケース

表 3. 5. 5-1 人工バリアの固有周波数 (単位 ; Hz)

次数	乾燥状態	飽和状態
1	77.41	66.14
2	87.34	67.64
3	87.34	67.50
4	95.75	68.21
5	95.76	70.86

表 3. 5. 5-2 人工バリアのモード刺激係数

	次数	X	Y	Z	RX	RY	RZ
乾燥	1	1.13e-6	1.15e+2	1.11e-6	-2.56e-9	2.84e-13	2.49e-9
	2	7.36e-5	-1.12e-6	1.14e+2	-9.44e-9	-1.13e-7	3.14e-9
	3	1.14e+2	-1.14e-6	-7.36e-5	3.59e-11	3.12e-12	1.71e-10
	4	-4.82e-11	3.41e-9	-2.71e-11	8.65e+1	2.50e-13	-1.24e-3
	5	2.31e-10	3.31e-9	-9.25e-12	-1.24e-3	-8.52e-13	-8.65e+1
飽和	1	-4.02e-16	-2.78e-5	1.05e-14	-2.79e-5	-5.16e-11	2.33e-5
	2	5.13e-12	-1.52e-11	-4.63e-11	8.52e+1	8.28e-5	1.19e-3
	3	-5.14e-11	4.55e-12	1.21e-12	1.19e-3	9.37e-5	-8.51e+1
	4	2.58e-11	-3.04e-12	-3.95e-12	-1.03e-4	6.84e+1	1.17e-4
	5	4.20e-14	1.73e-6	1.82e-11	4.69e-8	-5.56e-13	-1.47e-1

X : X方向並進, Y : Y方向並進, Z : Z方向並進

RX : X軸周り回転, RY : Y軸周り回転, RZ : Z軸周り回転

表 3. 6. 4-1 材料物性値 (SI 単位系)

		単位	解 析 ケ ー ス					
			1-1	2-1	1-2	2-2	1-3	1-4
廃棄体	ヤング率	Pa	$8.036 \times 10^{10} \text{ (1)}$	←	←	←	←	←
	ポアソン比	—	0.250 ⁽²⁾	←	←	←	←	←
	密度	N/m ³	$2.156 \times 10^4 \text{ (3)}$	←	←	←	←	←
	減衰定数	—	—	←	←	←	←	←
バークバ	ヤング率	Pa	$2.058 \times 10^{10} \text{ (3)}$	←	←	←	←	←
	ポアソン比	—	0.300 ⁽³⁾	←	←	←	←	←
	密度	N/m ³	$7.624 \times 10^4 \text{ (3)}$	←	←	←	←	←
	減衰定数	—	0.005 ⁽⁴⁾	←	←	←	←	←
緩衝材	ヤング率	Pa	$2.388 \times 10^8 \text{ (5)}$	←	$1.176 \times 10^8 \text{ (5)}$	←	←	←
	ポアソン比	—	0.2000 ⁽⁵⁾	←	0.50 (0.49) ⁽⁵⁾	←	←	←
	密度	N/m ³	1.568×10^4	←	$1.960 \times 10^4 \text{ (6)}$	←	←	←
	減衰定数	—	0.00 ⁽⁷⁾	←	←	←	←	←
	RO ; α	—	2.02 ⁽⁵⁾	←	1.51 ⁽⁵⁾	←	←	←
	RO ; β	—	1.92 ⁽⁵⁾	←	1.92 ⁽⁵⁾	←	←	←
	基準ひずみ	—	$1.300 \times 10^{-3} \text{ (5)}$	←	$4.300 \times 10^{-3} \text{ (5)}$	←	←	←
岩盤	ヤング率	Pa	$4.713 \times 10^{10} \text{ (8)}$	$7.60 \times 10^9 \text{ (8)}$	$4.713 \times 10^{10} \text{ (8)}$	$7.60 \times 10^9 \text{ (8)}$	$4.713 \times 10^{10} \text{ (8)}$	←
	ポアソン比	—	0.315 ⁽⁸⁾	0.369 ⁽⁸⁾	0.315 ⁽⁸⁾	0.369 ⁽⁸⁾	0.315 ⁽⁸⁾	←
	密度	N/m ³	$2.597 \times 10^4 \text{ (8)}$	$2.156 \times 10^4 \text{ (8)}$	$2.597 \times 10^4 \text{ (8)}$	$2.156 \times 10^4 \text{ (8)}$	$2.597 \times 10^4 \text{ (8)}$	←
	減衰定数	—	0.020 ⁽⁴⁾	0.020 ⁽⁴⁾	0.020 ⁽⁴⁾	0.020 ⁽⁴⁾	0.020 ⁽⁴⁾	←
境界 a	粘着力	Pa	0.0 ⁽⁴⁾	←	$1.46 \times 10^5 \text{ (4)}$	←	←	←
	内部摩擦角	deg	0.0 ⁽⁴⁾	←	0.0 ⁽⁴⁾	←	←	←
	せん断剛性	N/m	0.0 ⁽⁴⁾	←	$4.41 \times 10^6 \text{ (11)}$	←	←	←
	鉛直剛性	N/m	$1.612 \times 10^8 \text{ (10)}$	←	$7.938 \times 10^7 \text{ (10)}$	←	←	←
境界 b	粘着力	Pa	0.0 ⁽⁴⁾	←	$1.46 \times 10^5 \text{ (4)}$	←	←	←
	内部摩擦角	Deg	0.0 ⁽⁴⁾	←	0.0 ⁽⁴⁾	←	←	←
	せん断剛性	N/m	0.0 ⁽⁴⁾	←	$4.410 \times 10^6 \text{ (11)}$	←	←	←
	鉛直剛性	N/m	$3.181 \times 10^{10} \text{ (10)}$	←	$3.181 \times 10^{10} \text{ (10)}$	←	←	←

(1) 「地層処分研究情報交換報告書 INTEGRATE'96」 動力炉・核燃料開発事業団より、「緩衝材大型試験における熱-水-応力連成解析 (pp261-466)」のガラスピースの値を採用

(2) 機械工学便覧より、ほう珪酸ガラスの値を採用

(3) H3 レポートより引用

(4) JNC 殿提示データに基づく。

(5) JNC 殿所有の動的 3 軸試験データに基づく。

(6) ペントナイトの真密度 2.7g/cm³ より換算。

(7) RO モデルに従う履歴減衰として考慮。

(8) JNC 殿所有の地質環境モデル情報に基づく。

(9) 境界 a ; 緩衝材内側境界のジョイント要素、境界 b ; 緩衝材外側境界のジョイント要素

(10) 岩盤、緩衝材のヤング率を境界 a, b に位置するジョイント要素長さで補正した値。

(11) JNC 殿所有の緩衝材-岩盤の一面せん断試験結果 (拘束圧 0.4MPa) に基づく。

表 3. 6. 4-2 2相系解析に関する物性

液状化パラメータ	R_{L20} [-]	0.592 ⁽¹⁾
	η [-]	-3.11 ⁽¹⁾
内部摩擦角	Deg	16.6 ⁽²⁾
透水係数	[m/s]	4.5×10^{-13} ⁽²⁾
体積弾性係数	[Pa]	5.1×10^{-10} ⁽²⁾
水密度	Pa	9800
間隙率	[-]	0.4

(1) JNC 殿所有の液状化試験結果に基づく。

(2) JNC 殿提示データに基づく。

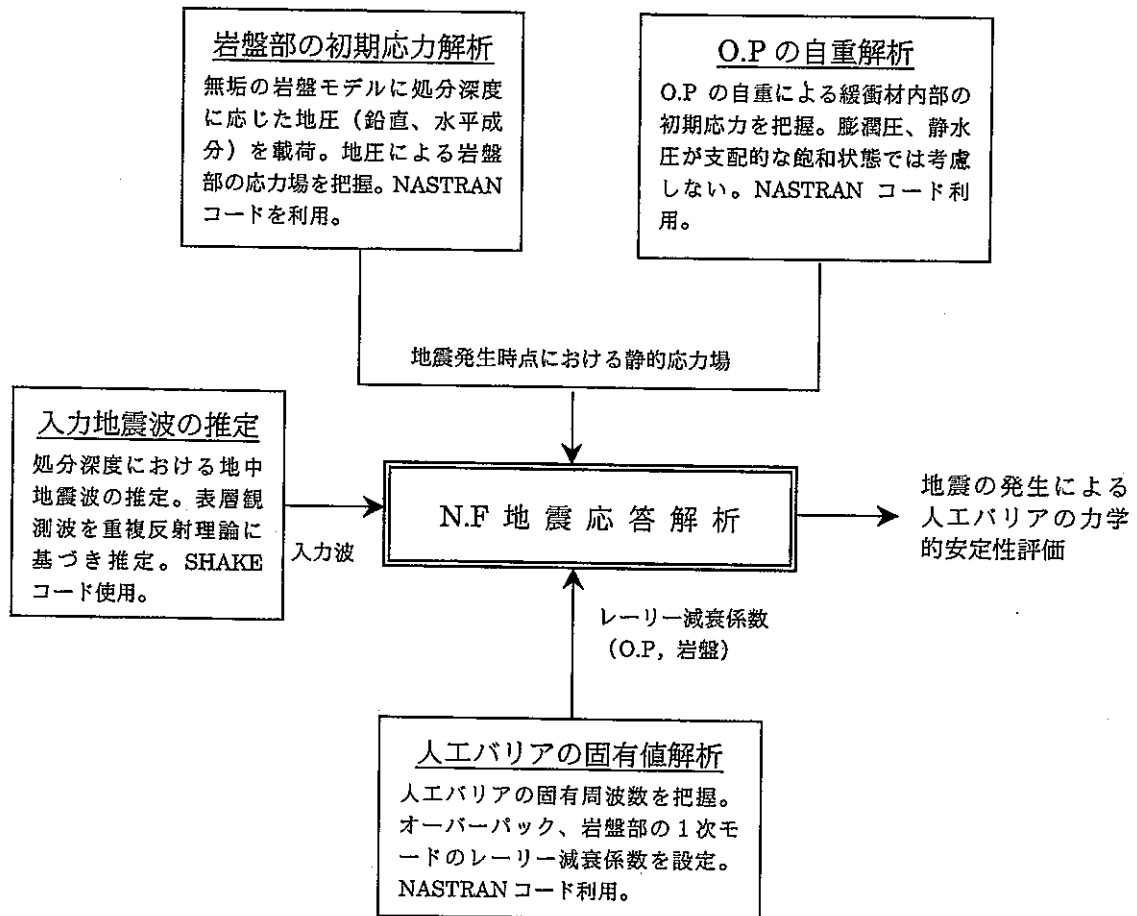


図 3. 3 - 1 解析・評価の流れ

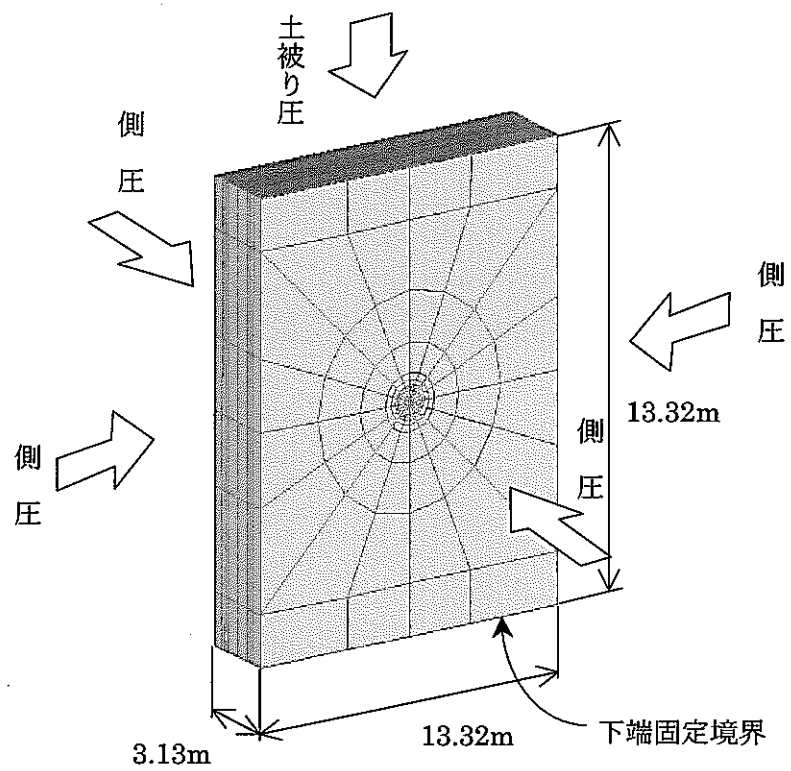


図 3. 4. 1 - 1 初期応力解析モデル（処分坑道横置き）

V3



図 3. 4. 1 - 2 最大せん断応力分布（処分坑道横置き；単位 Pa）

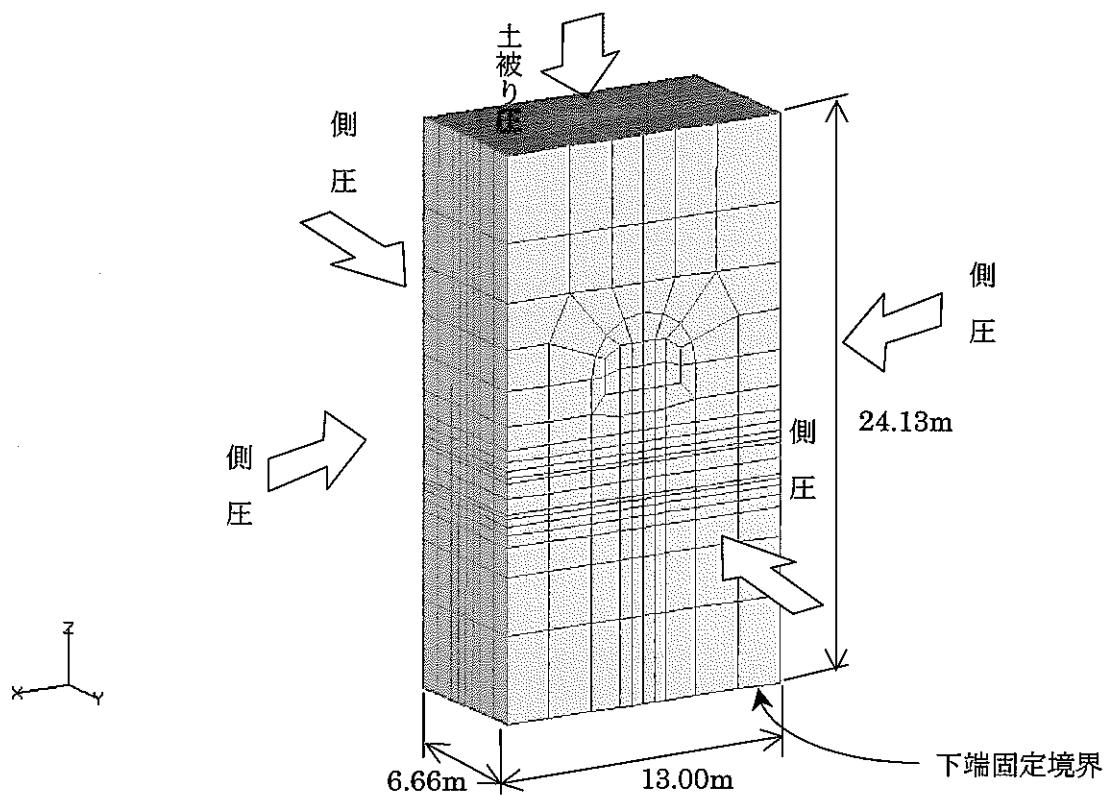


図 3. 4. 1 - 3 初期応力解析モデル（処分孔縦置き）

V3



図 3. 4. 1 - 4 最大せん断応力分布（処分孔縦置き；単位 Pa）

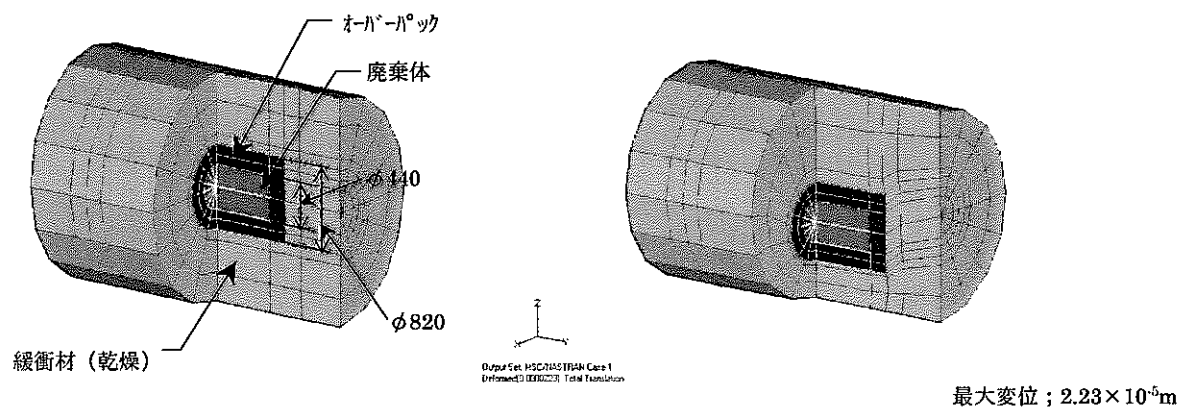


図 3.4.2-1 自重解析モデル
(処分坑道横置き)

図 3.4.2-2 O.P 自重による緩衝材内の変形
(処分坑道横置き)

VI

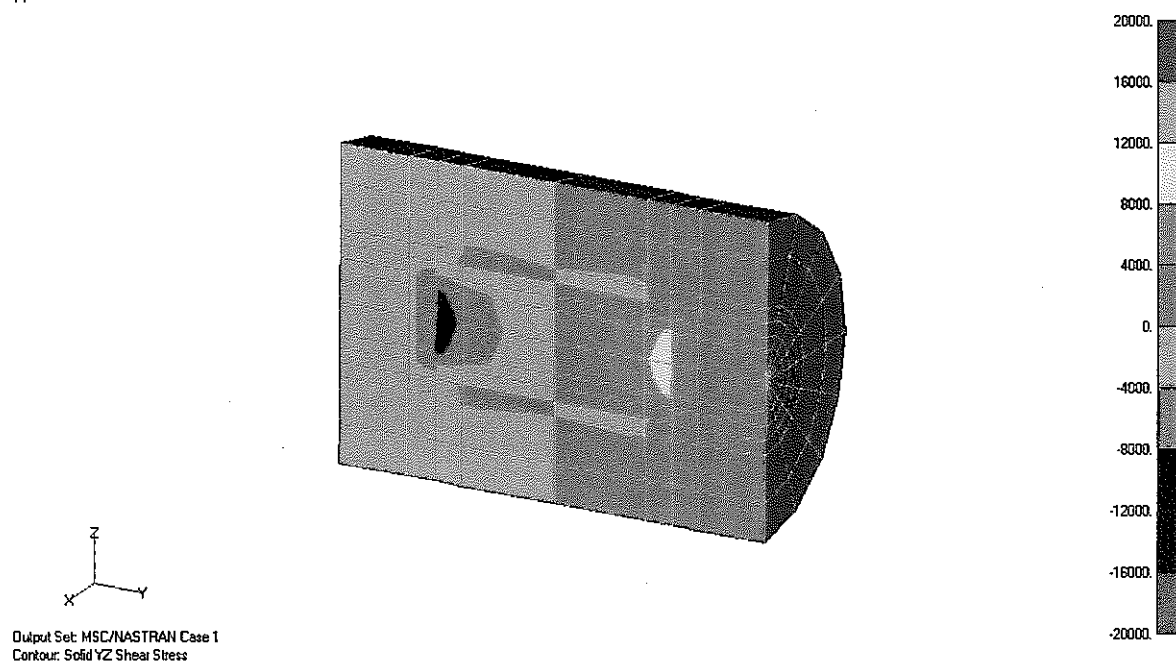


図 3.4.2-3 オーバーバック自重による緩衝材内のせん断応力分布 (単位 Pa)

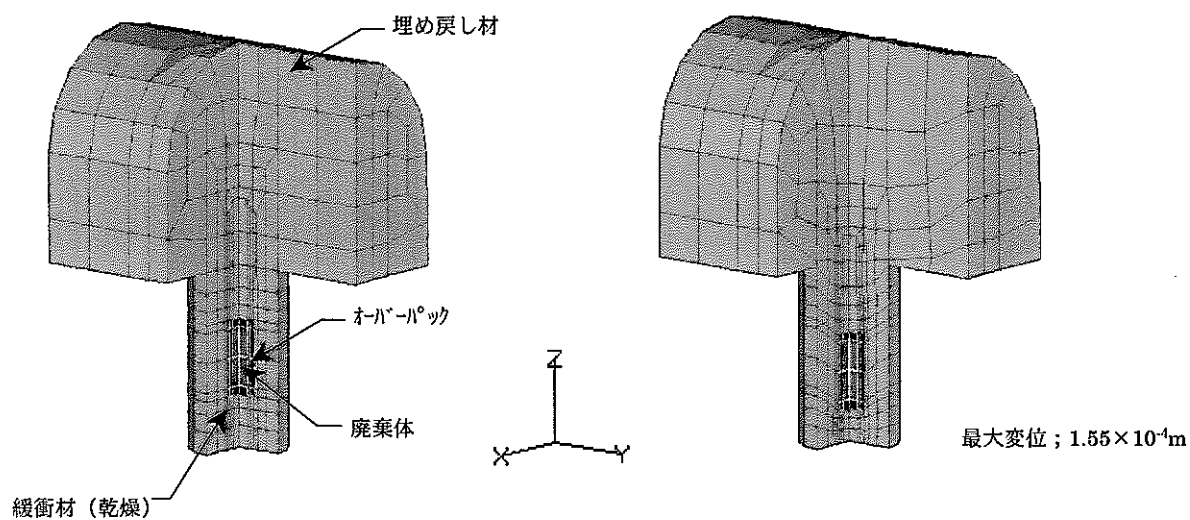


図 3.4.2-4 自重解析モデル
(処分坑道横置き)

図 3.4.2-5 O.P 自重による緩衝材内の変形
(処分坑道横置き)

V3

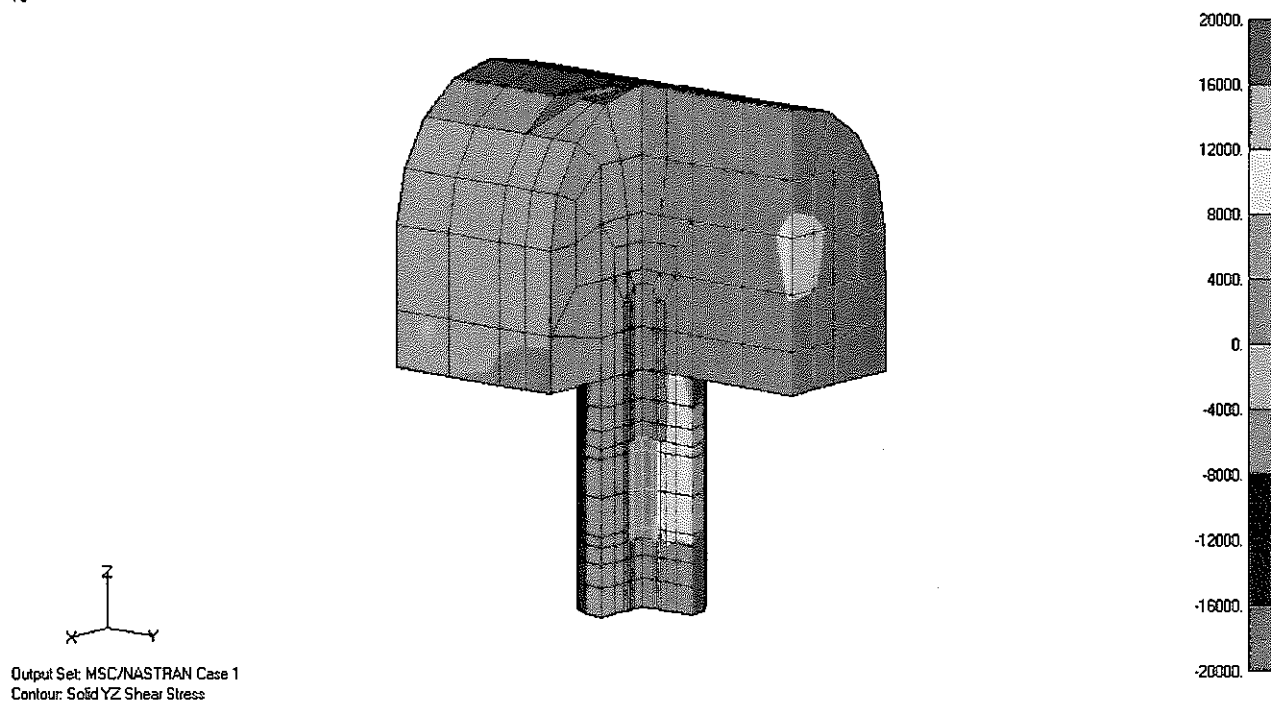
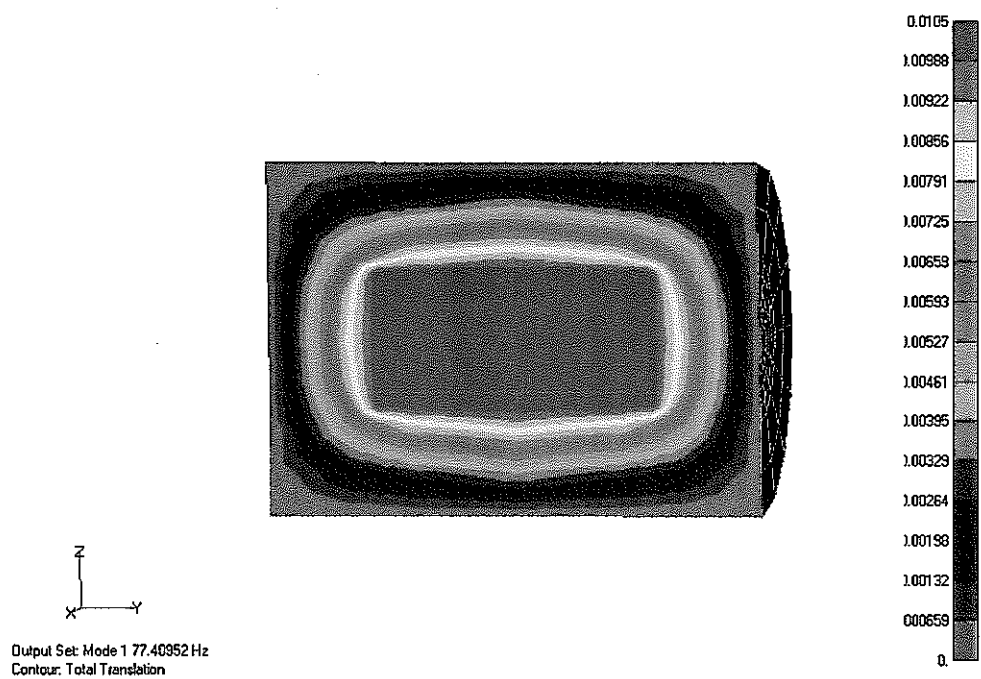
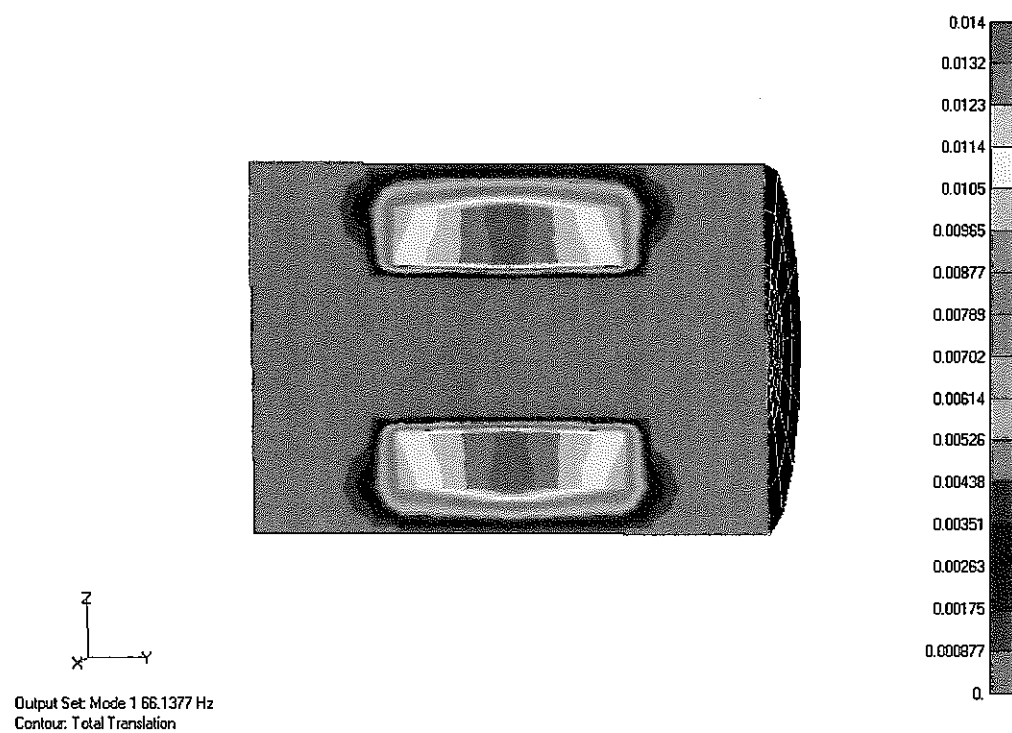


図 3.4.2-6 オーバーバック自重による緩衝材内のせん断応力分布 (単位 Pa)



(a) 乾燥状態 ; $f_1=77.4\text{Hz}$



(b) 飽和状態 ; $f_1=66.1\text{Hz}$

図 3. 5. 5-1 人工バリアの一次固有モード

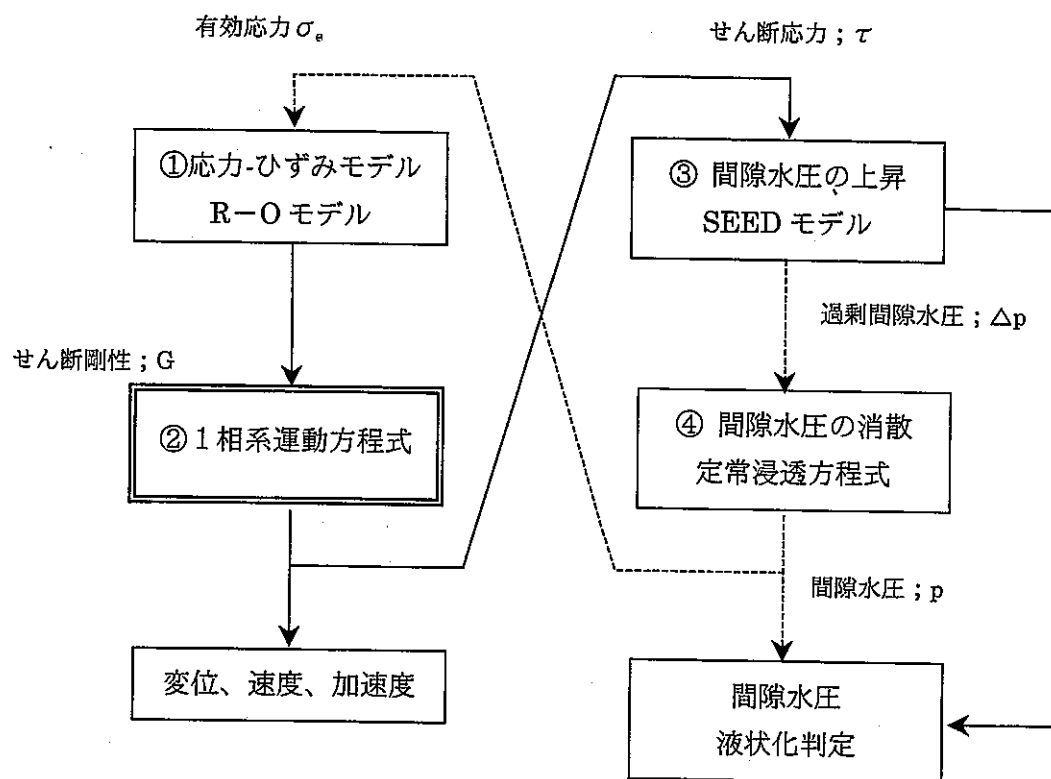
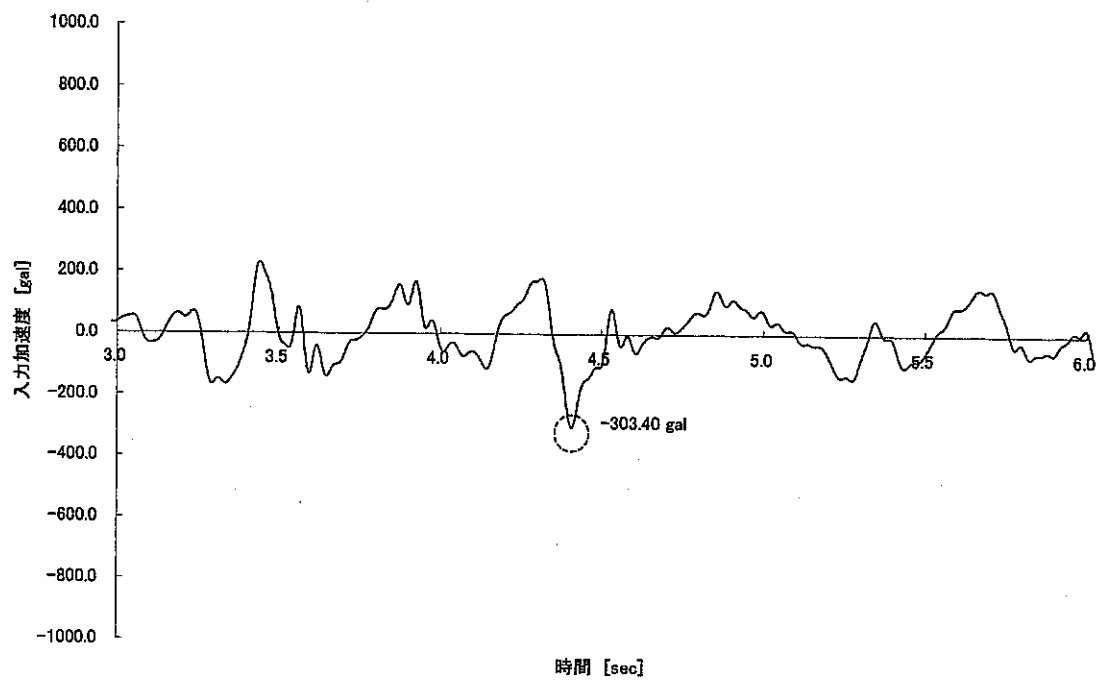
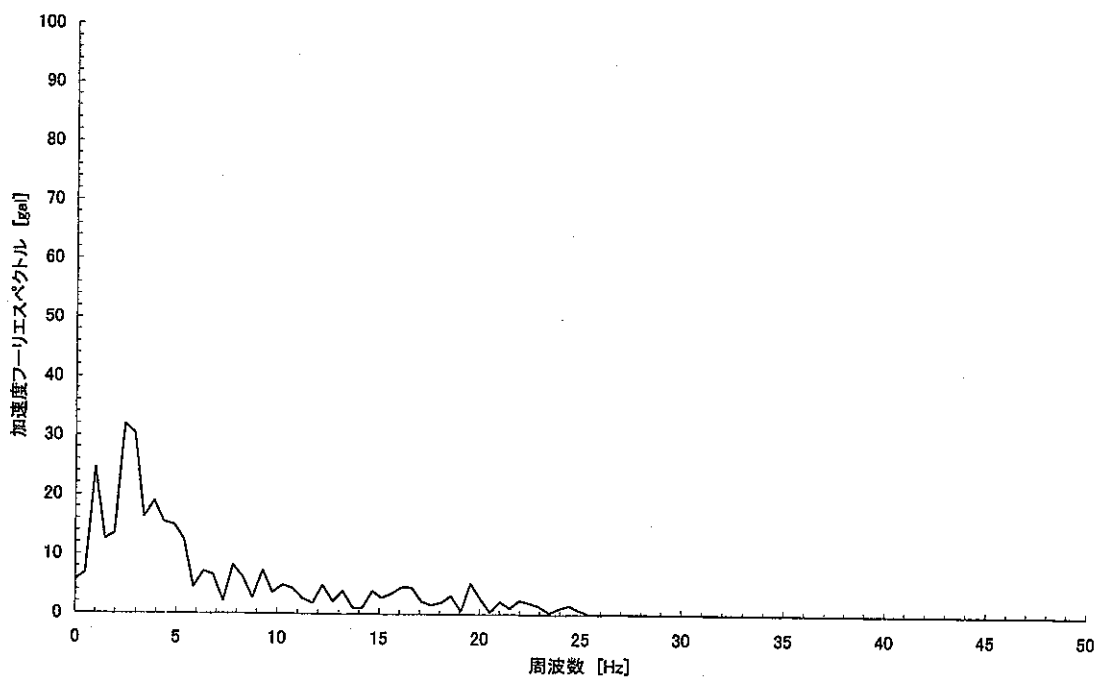


図 3. 6. 1-1 過剰間隙水圧の蓄積・消散を考慮した解析手法

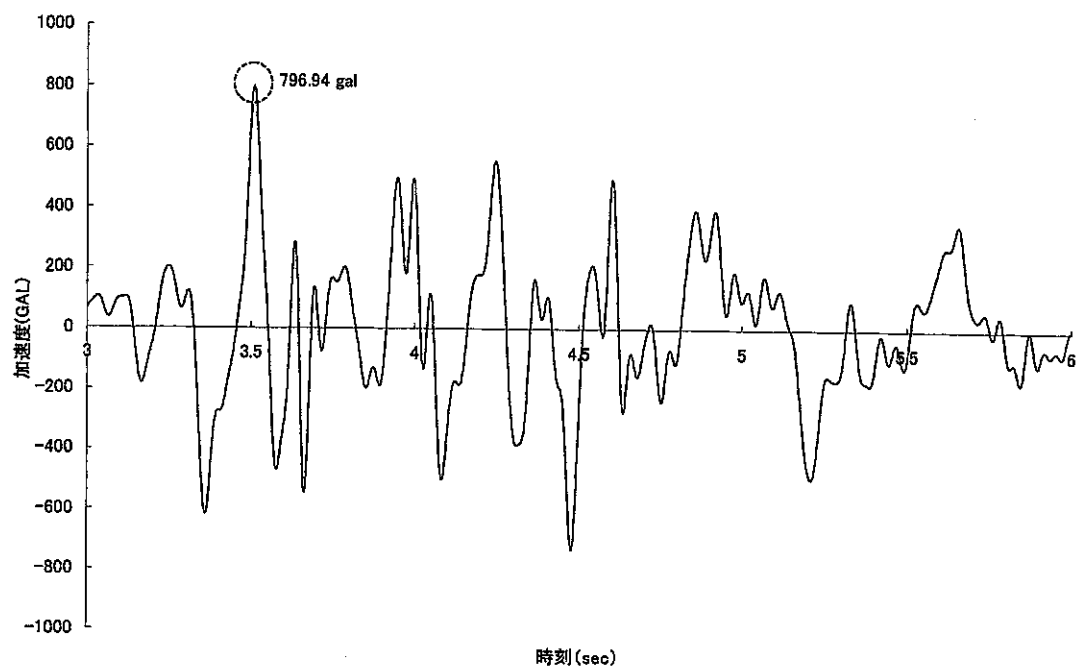


(a) 加速度波形

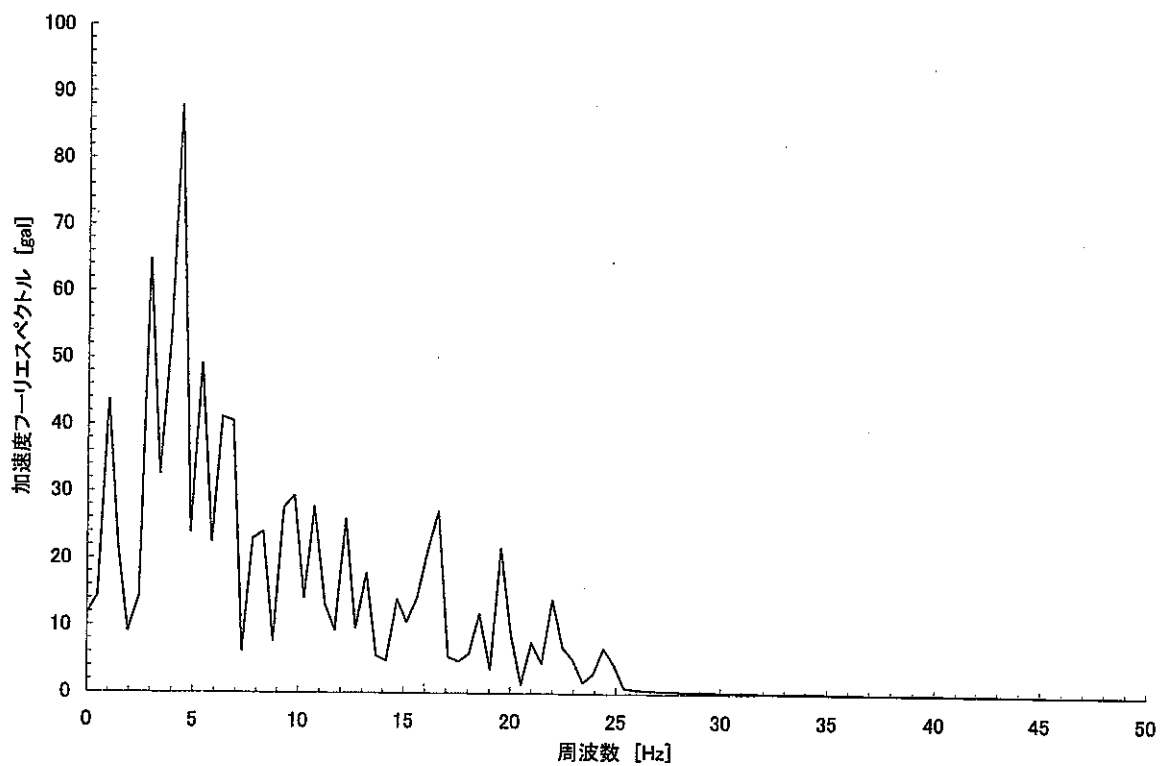


(b) フーリエスペクトル

図 3. 6. 2 - 1 a 処分震度 1000mにおける地中地震波 (硬岩系)



(a) 加速度波形



(b) フーリエスペクトル

図3.6.2-1b 処分震度 500mにおける地中地震波 (軟岩系)

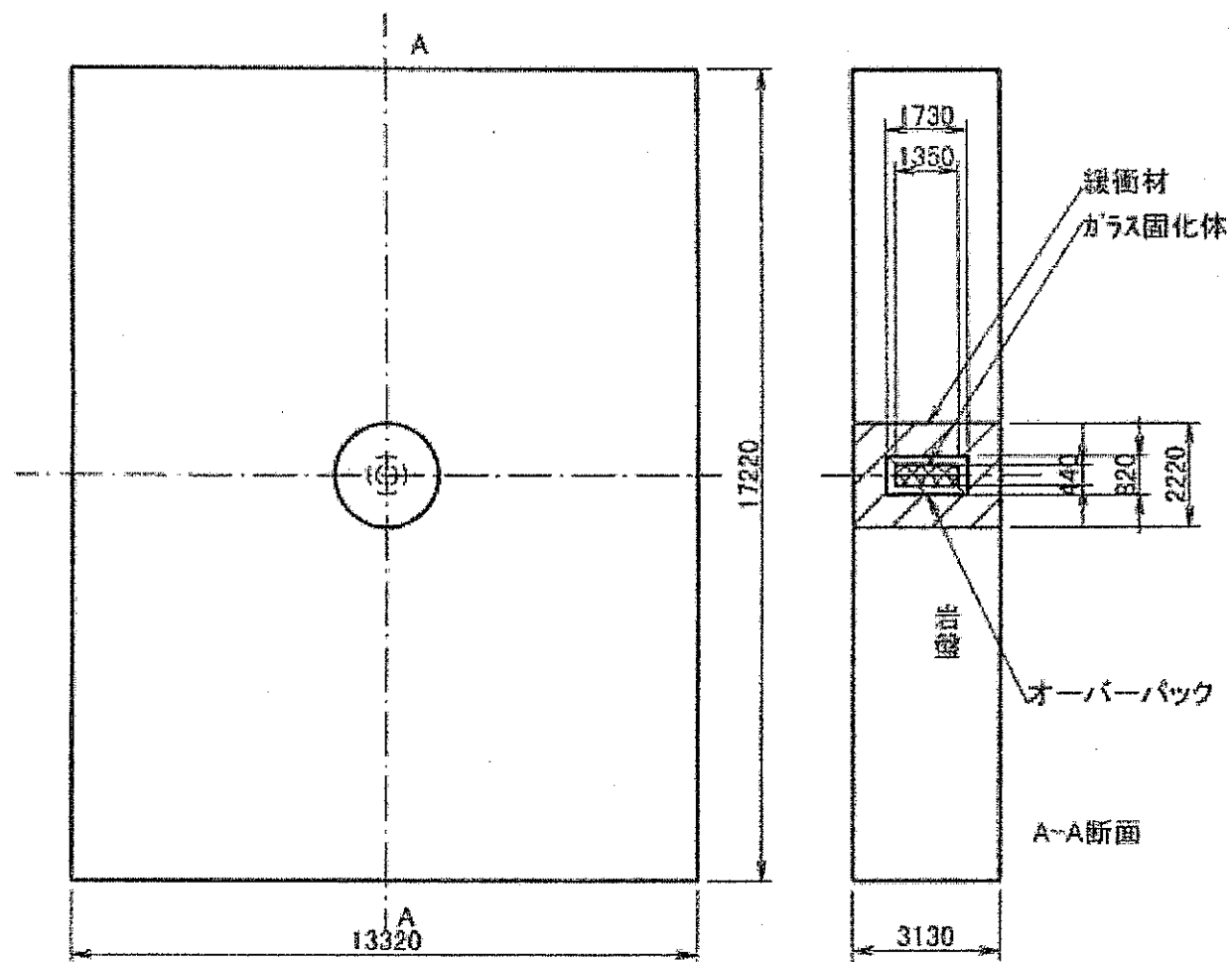


図 3. 6. 3-1 処分坑道横置きモデル緒元

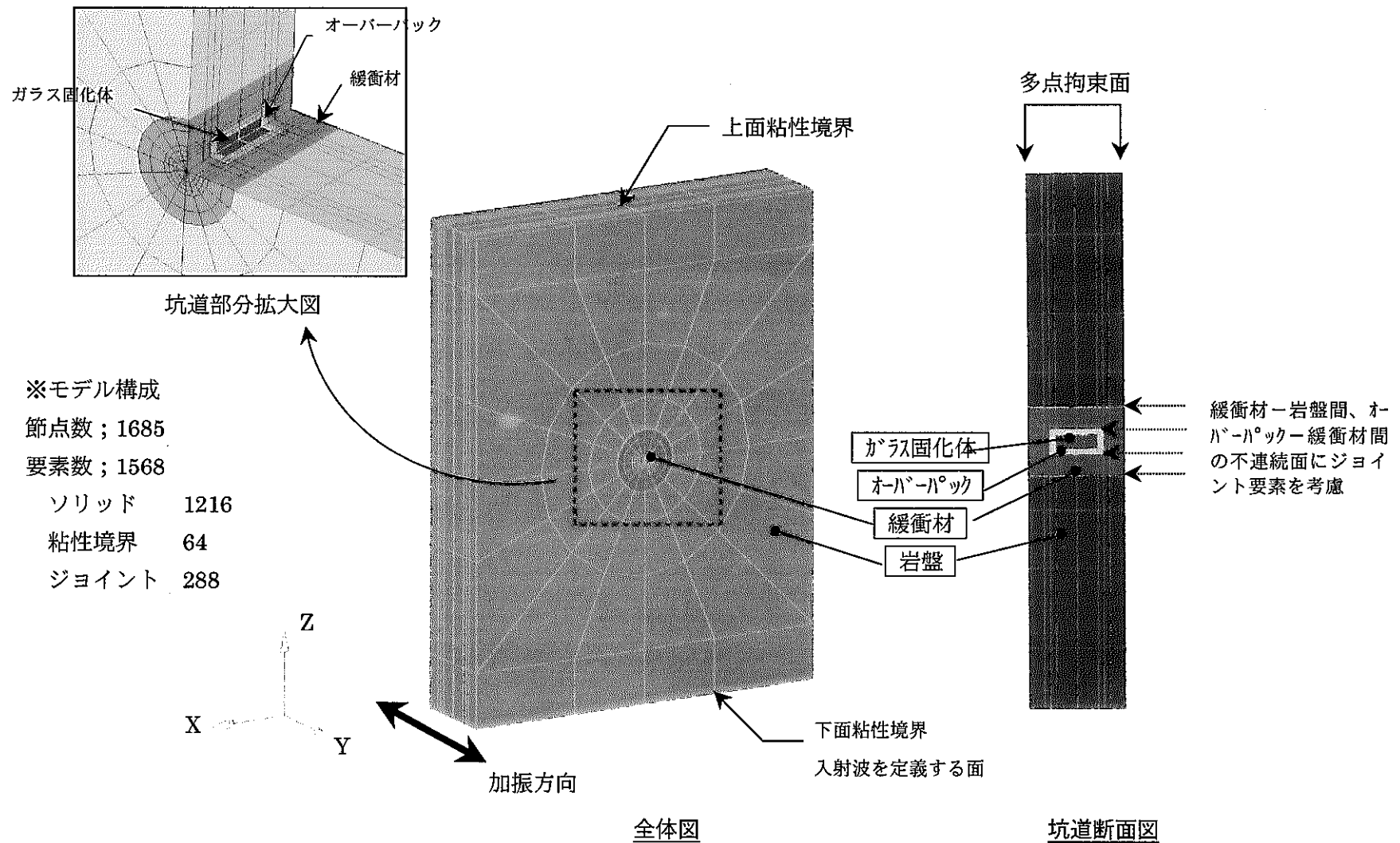


図 3. 6. 3-2 解析メッシュ図（処分坑道横置き）

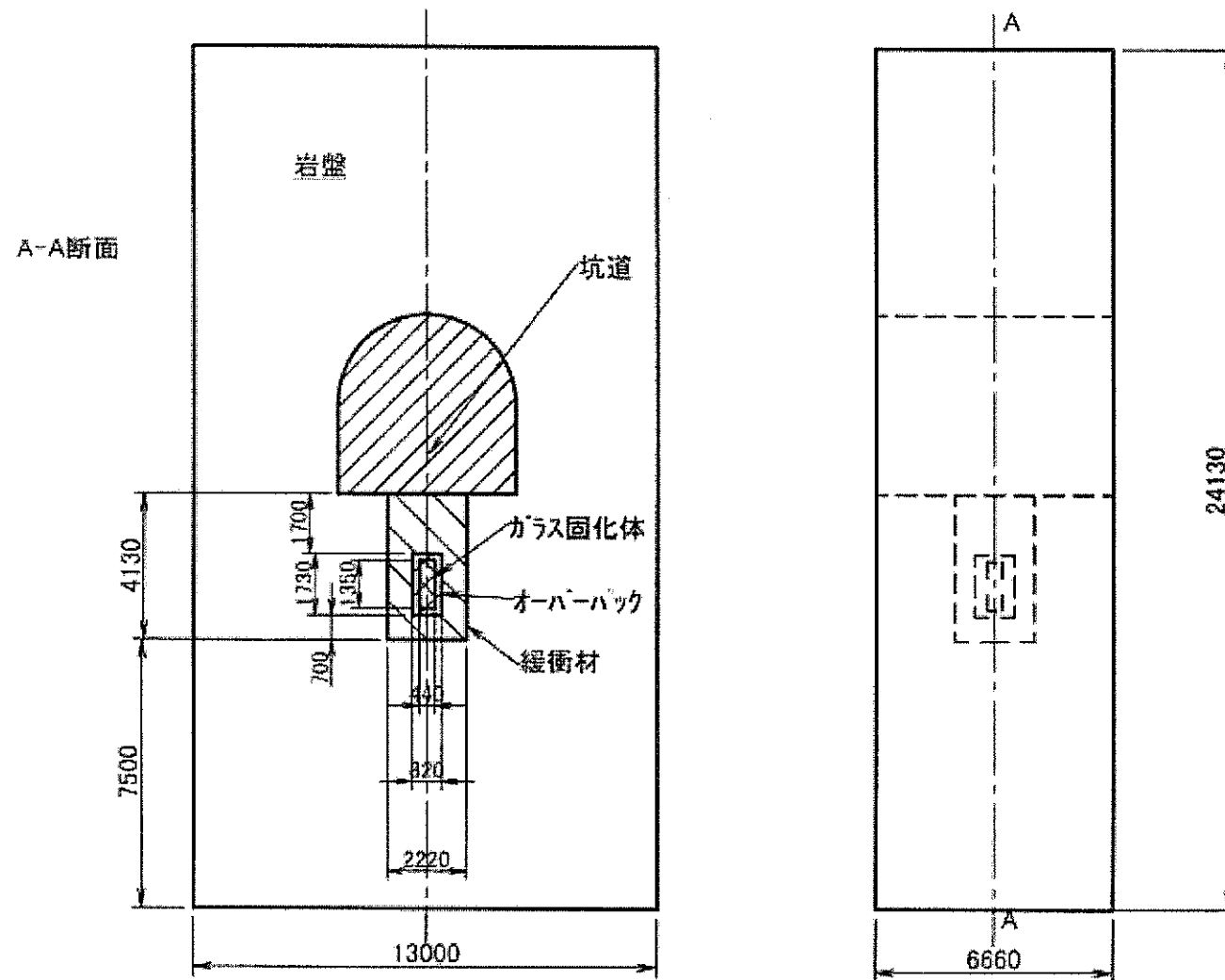


図3. 6. 3-3 処分孔縦置きモデル諸元

※モデル構成

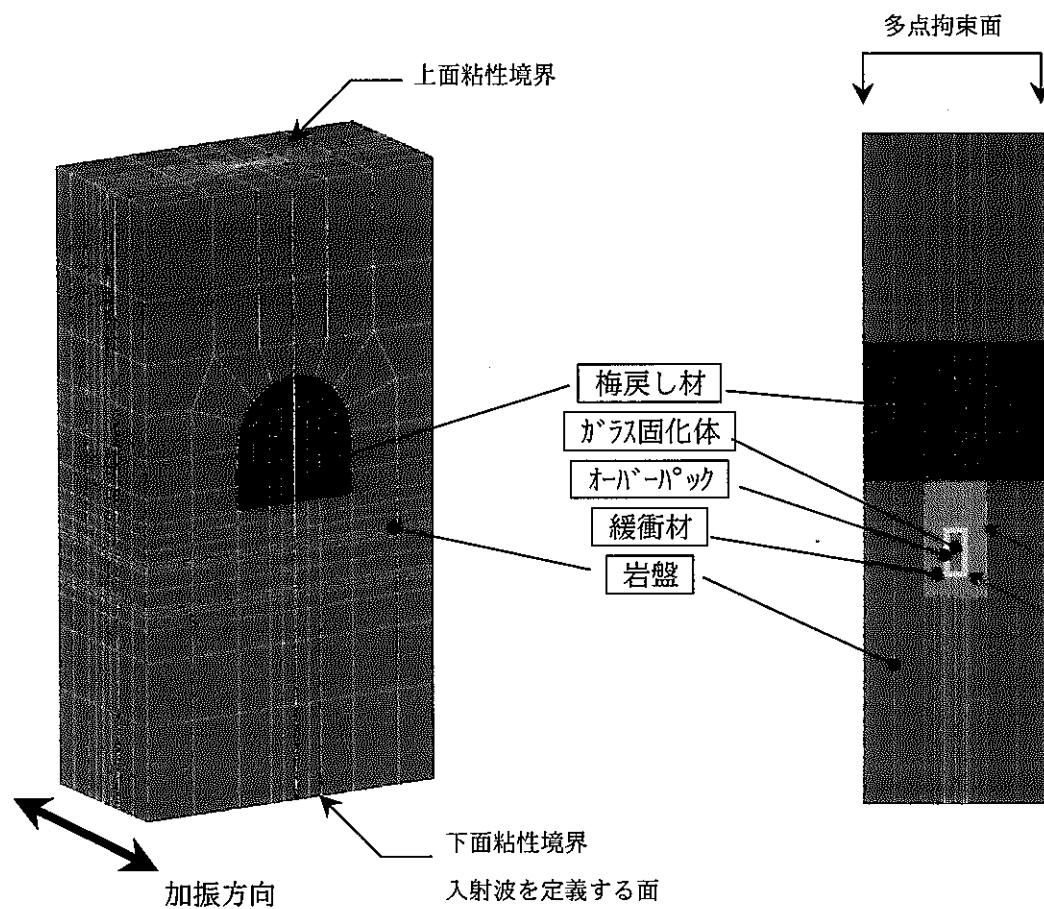
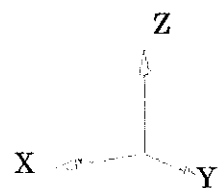
節点数 ; 3750

要素数 ; 3696

ソリッド 2960

粘性境界 224

ジョイント 512



全体図

処分孔断面図

図 3. 6. 3-4 解析メッシュ図 (処分孔縦置きモデル)

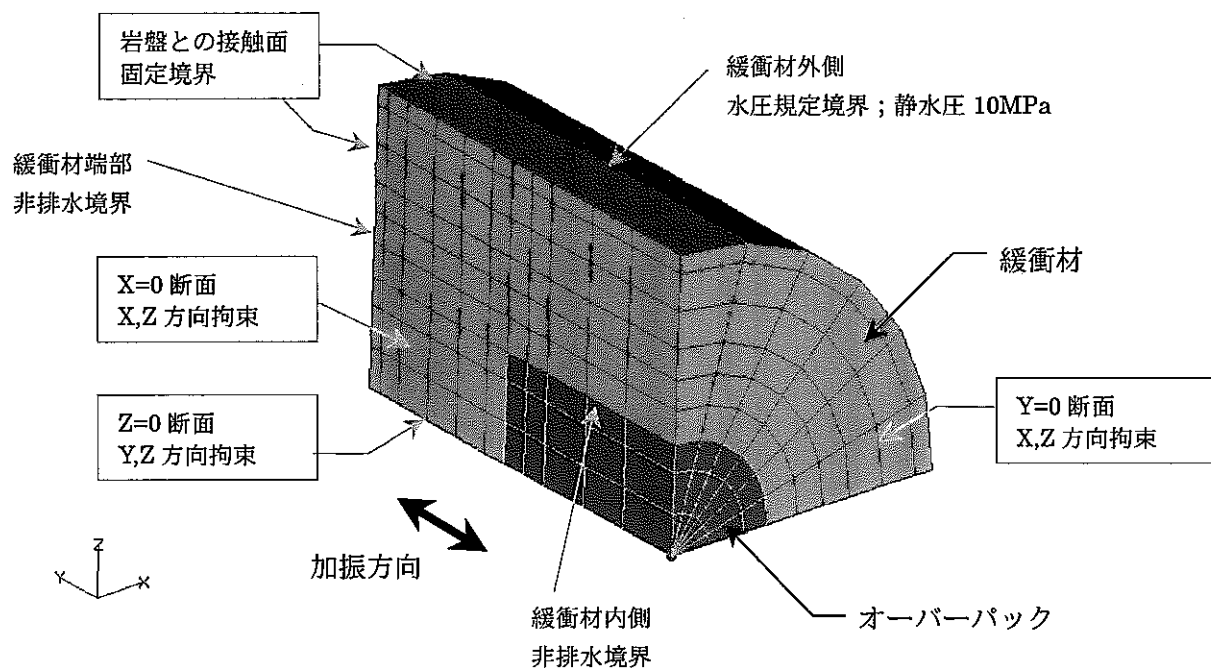


図 3. 6. 3 - 5 2 相系解析モデルメッシュ図 (処分坑道横置きモデル)

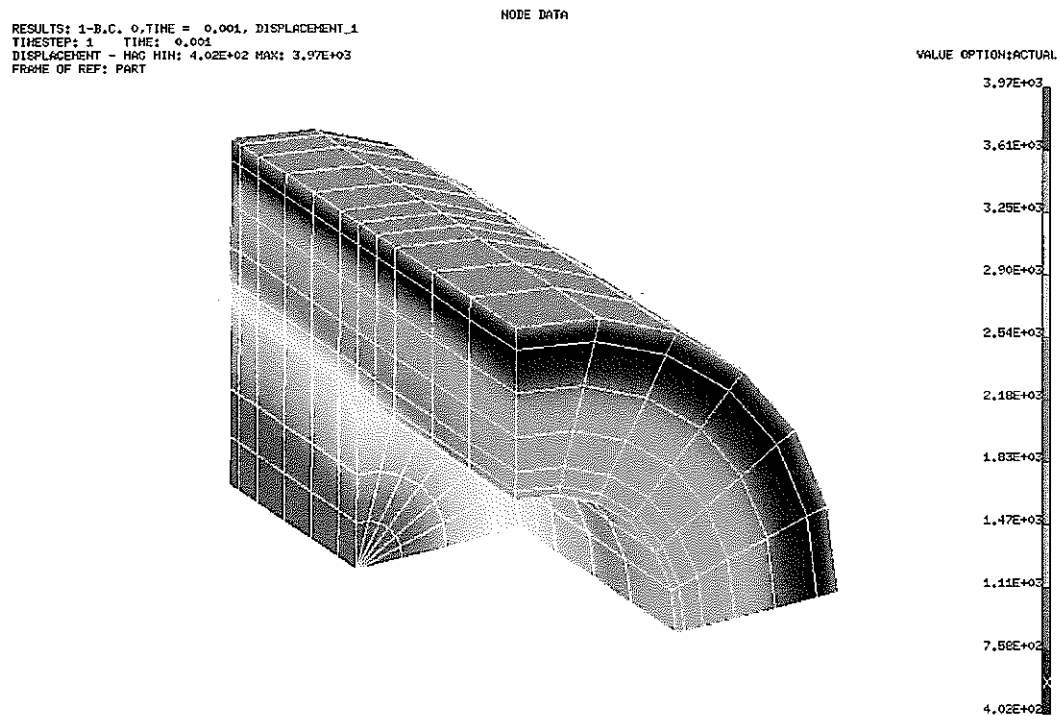


図 3. 6. 5 - 1 腐食膨張による緩衝材内の初期間隙水圧分布 (単位 ; Pa)

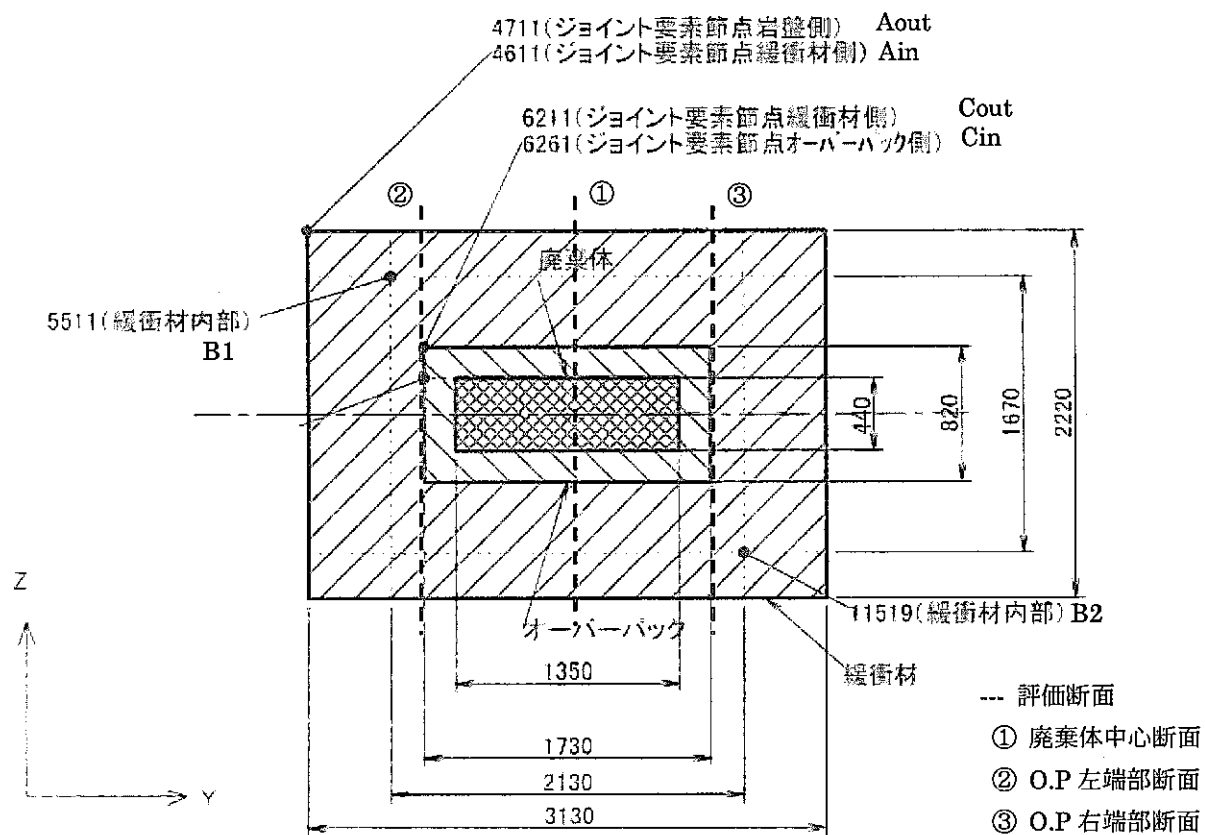


図3.6.6-1 処分坑道横置きモデル評価点、評価断面(単位; mm)



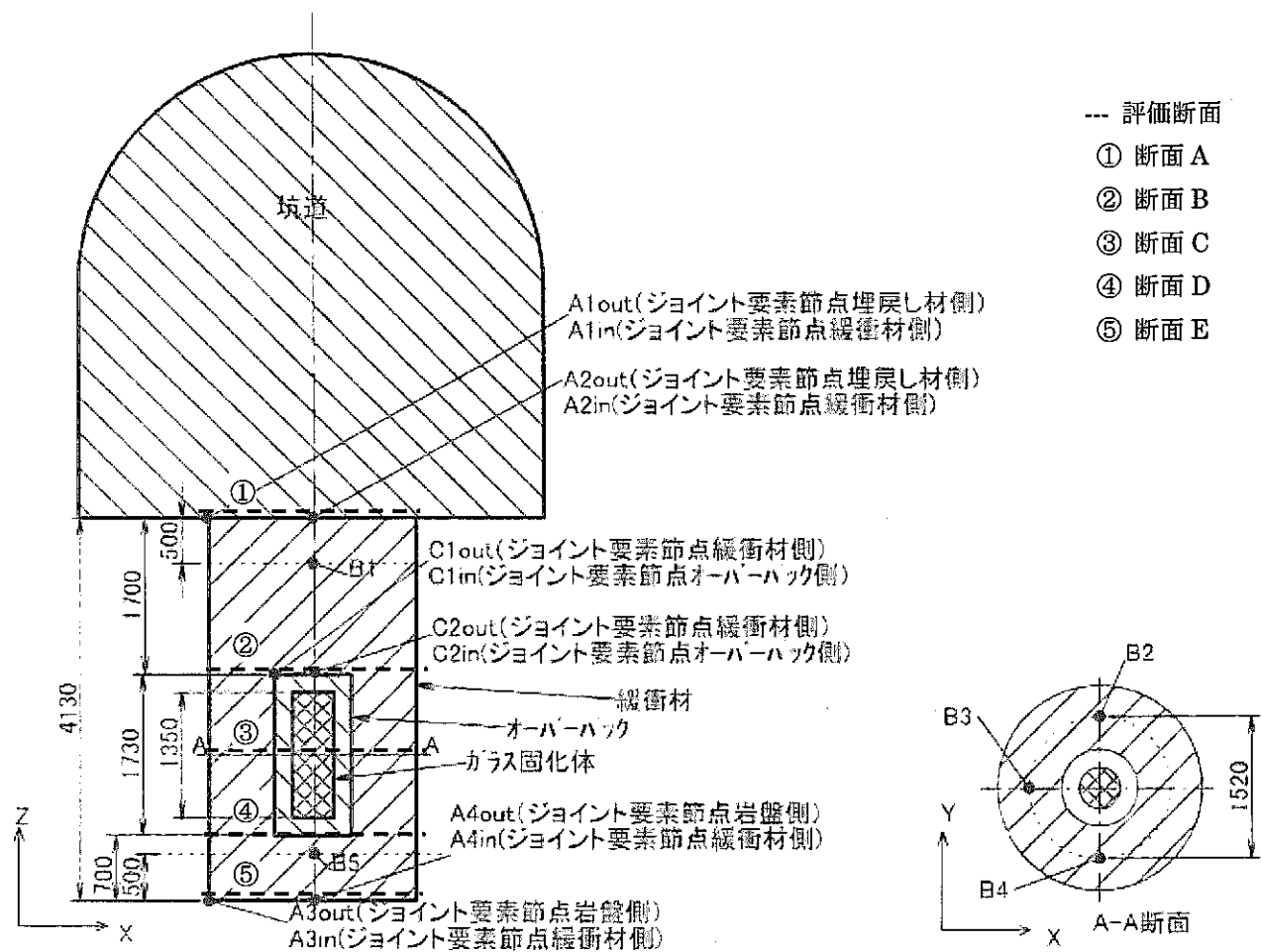
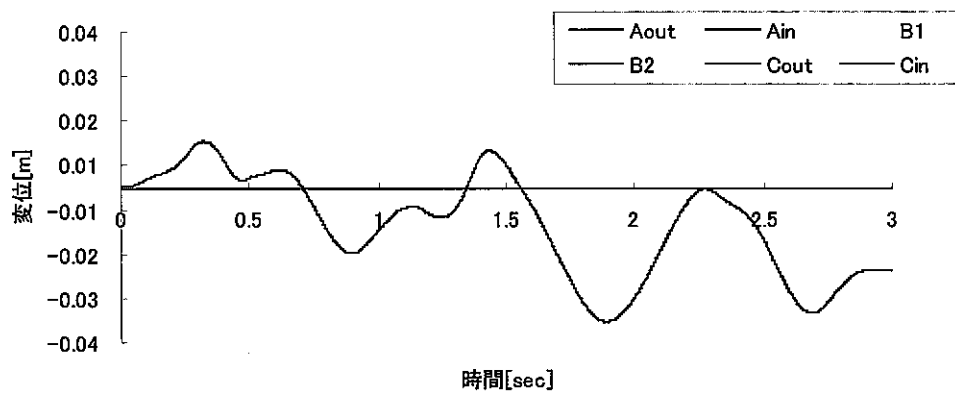
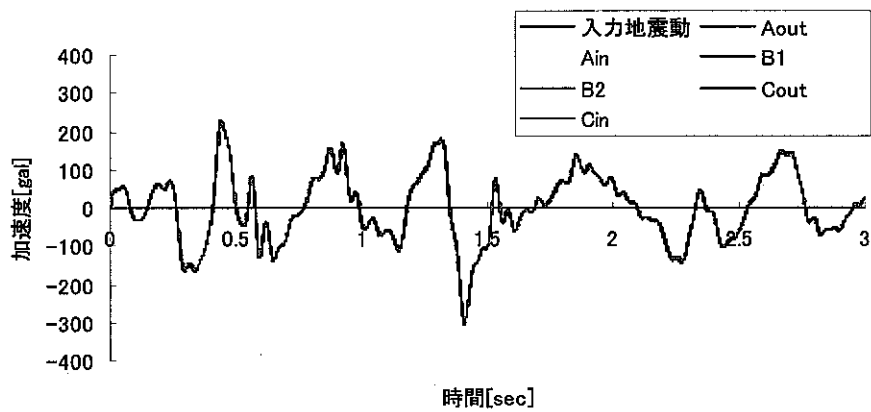


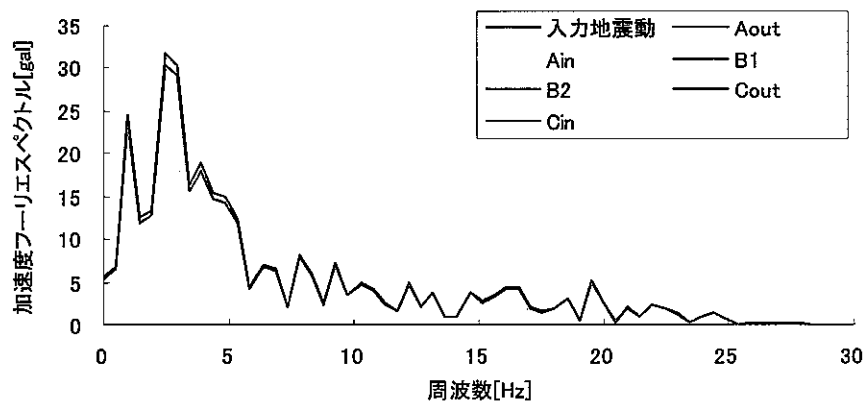
図 3. 6. 6-2 処分孔縦置きモデル評価点、評価断面 (単位 ; mm)



絶対変位応答波形



絶対加速度応答波形

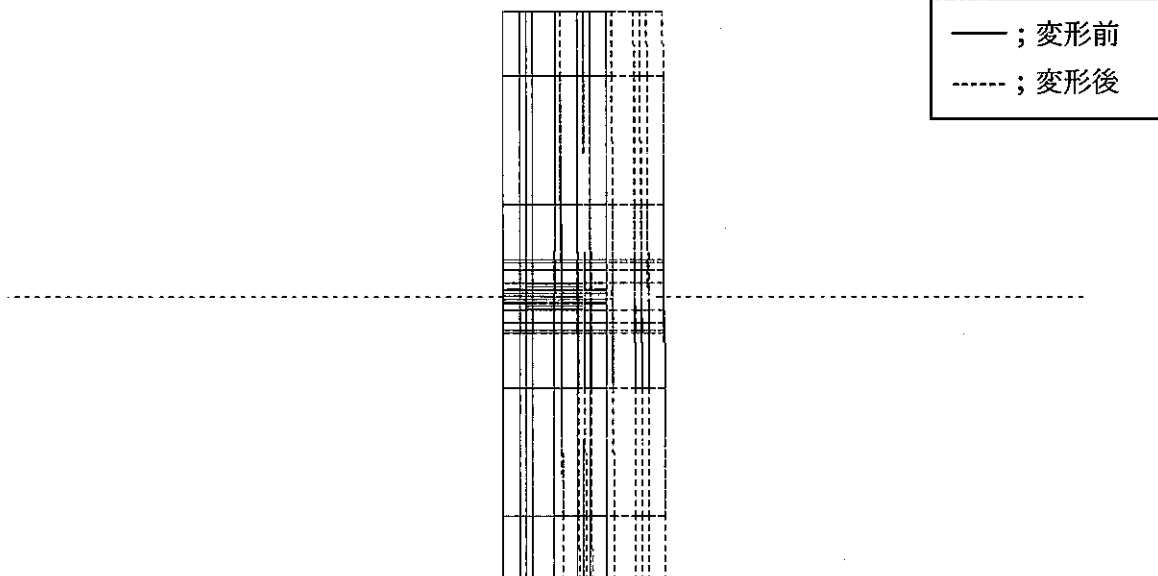


絶対加速度フーリエスペクトル

図3.6.7-1 応答波形（ケース1-1；処分坑道横置き、乾燥状態、ジョイント要素有）

DEFORMATION: 7-B.C. 0, TIME = 1.413, DISPLACEMENT_7
 TIMESTEP: 3 TIME: 1.413
 DISPLACEMENT - MAG MIN: 1.92E-18 MAX: 7.93E-03
 FRAME OF REF: PART

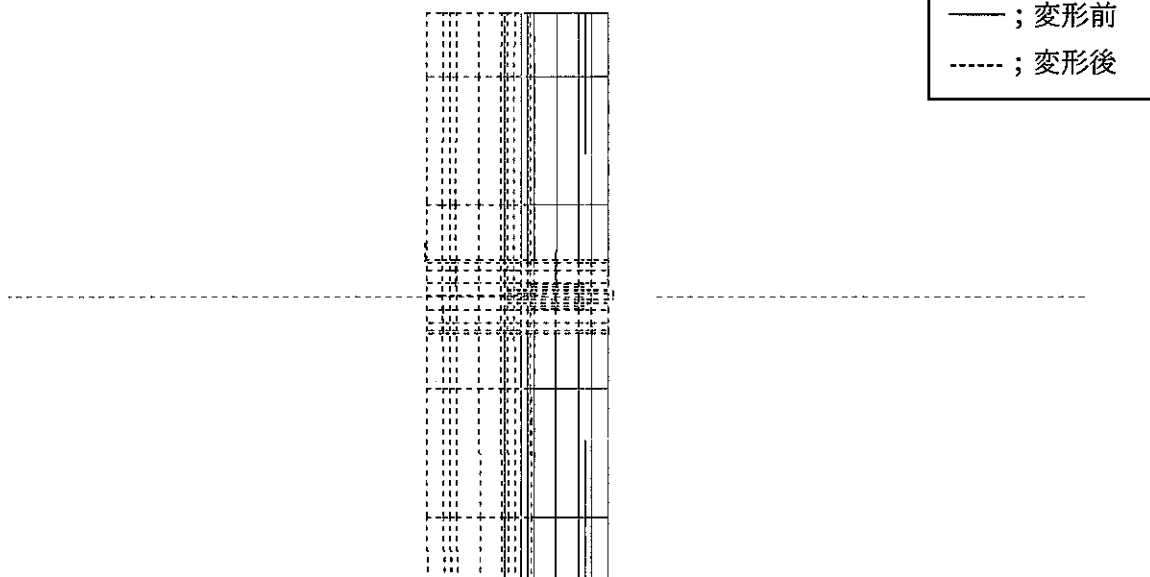
NODE DATA



絶対変位

DEFORMATION: 8-B.C. 0, TIME = 1.413, ACCELERATION_8
 TIMESTEP: 3 TIME: 1.413
 ACCELERATION - MAG MIN: 3.41E-15 MAX: 2.91E+00
 FRAME OF REF: PART

NODE DATA



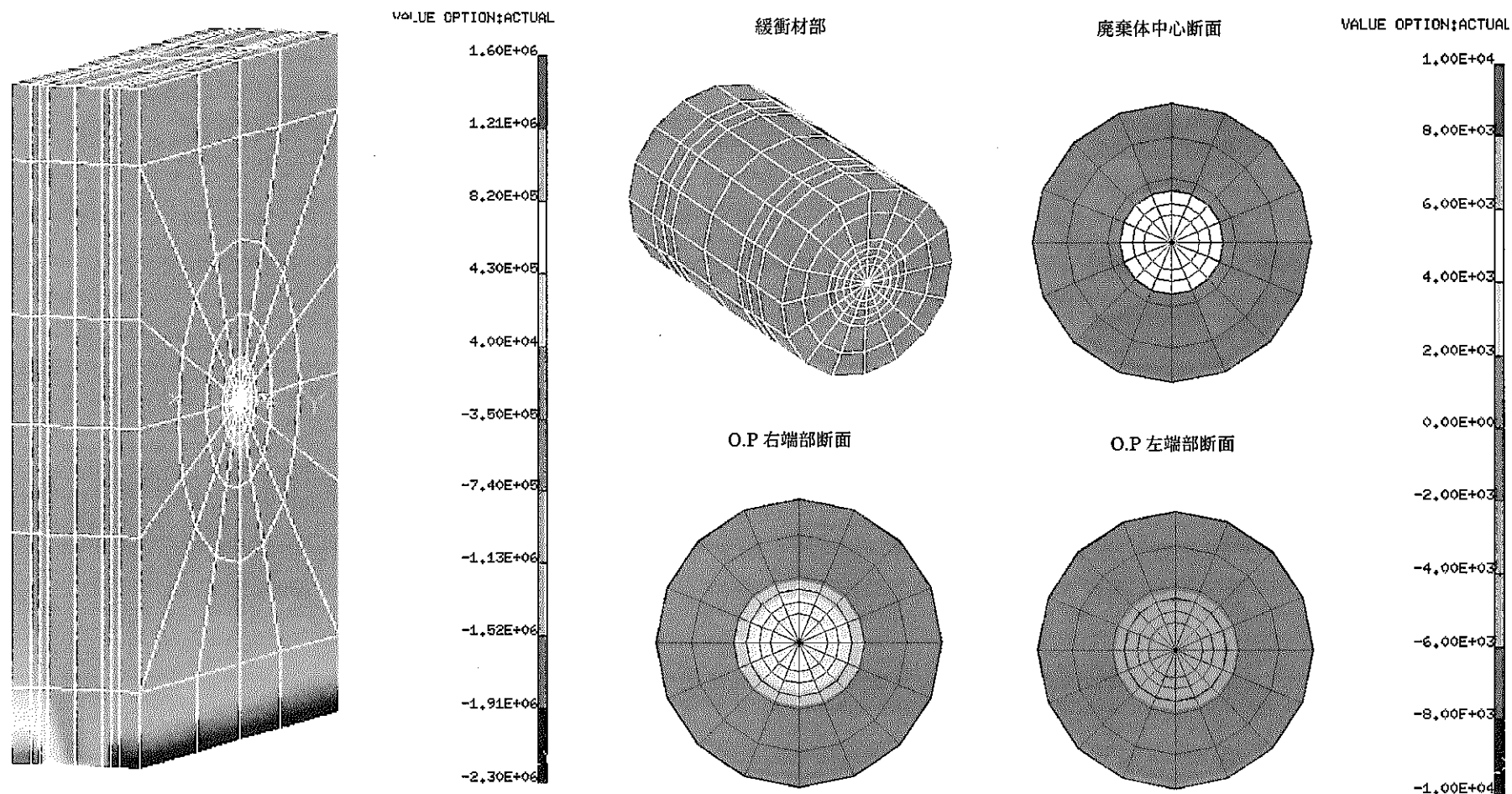
絶対加速度

図 3. 6. 7-2 変位、加速度モード

(ケース 1-1 ; 処分坑道横置き、乾燥状態、ジョイント要素有)

RESULTS: 9-B.C. 0, TIME = 1.413, STRESS_9
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN: -2.22E+06 MAX: 1.53E+06
 FRAME OF REF: PART

3-41



全体図

図 3. 6. 7-3 セン断応力コンター (ケース 1-1 ; 処分坑道横置き、乾燥状態、ジョイント要素有, 単位 Pa)

RESULTS: 12-B,C, 0, TIME = 1.413, STRAIN_12
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - MAG MIN: 4.66E-22 MAX: 6.67E-18
 FRAME OF REF: PART

3-42

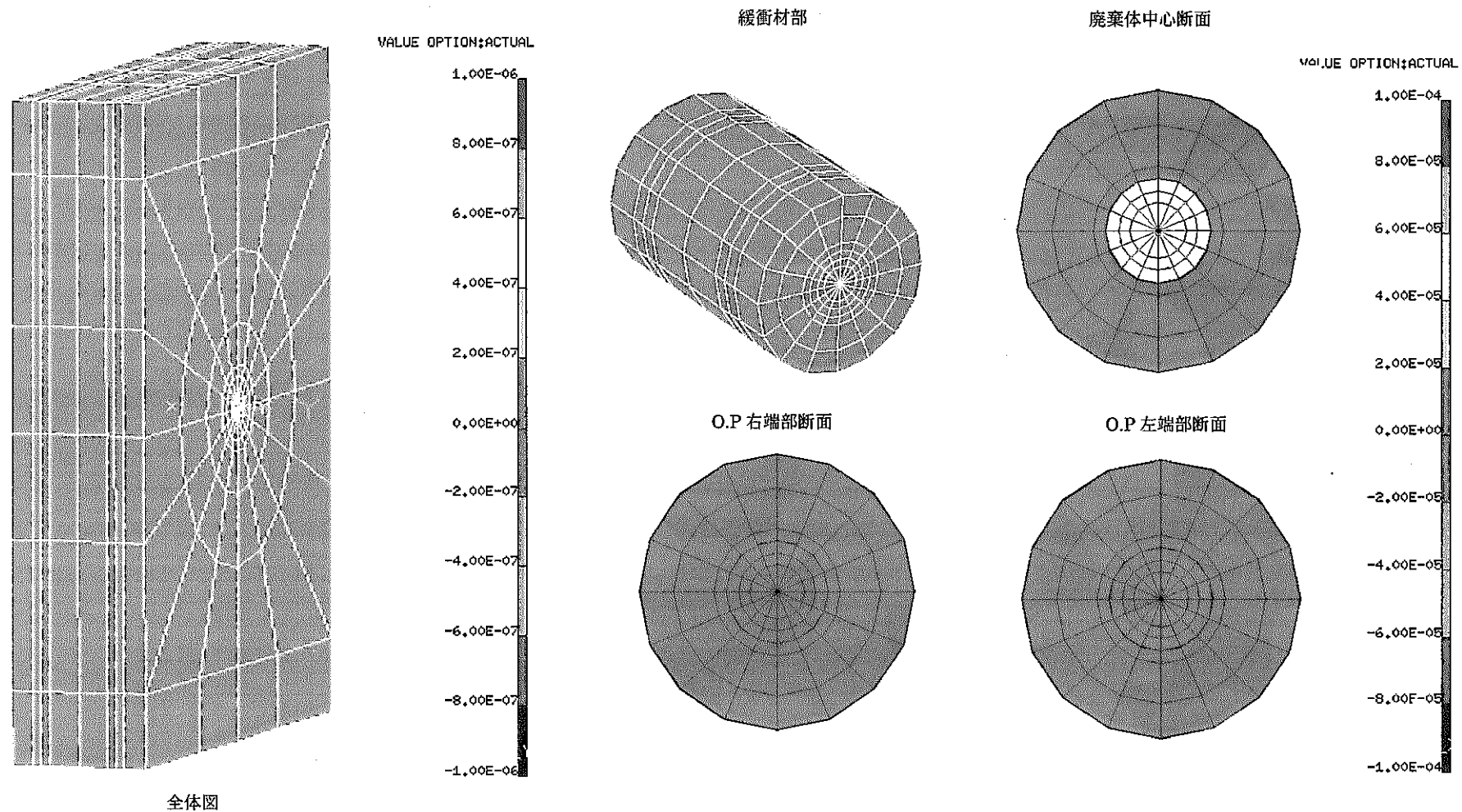
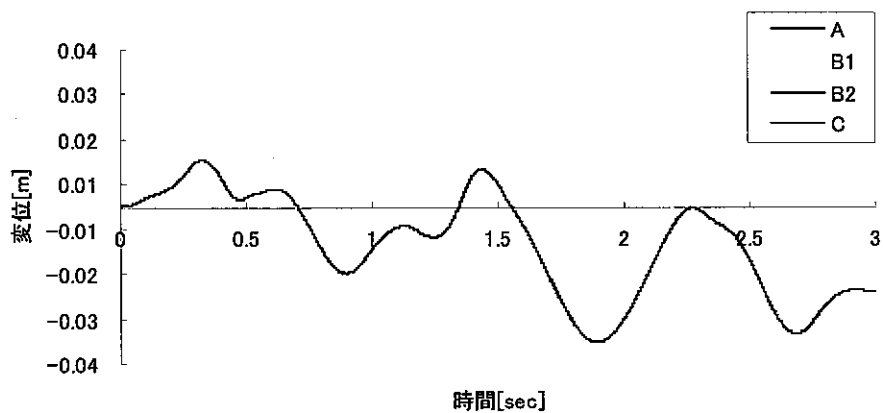
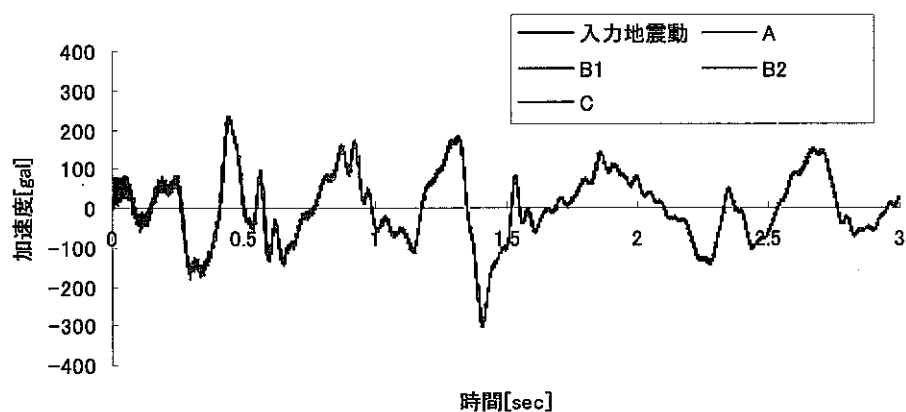


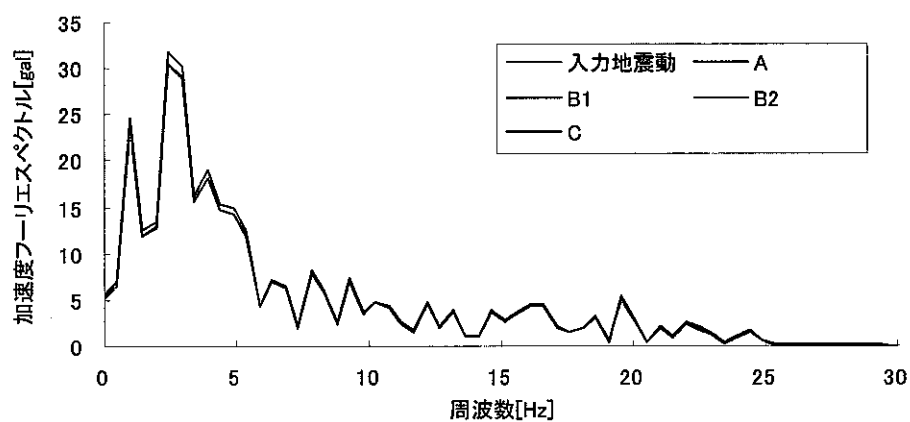
図 3. 6. 7-4 せん断ひずみコンター (ケース 1-1 ; 処分坑道横置き、乾燥状態、ジョイント要素有、単位 ; -)



絶対変位応答波形



絶対加速度応答波形

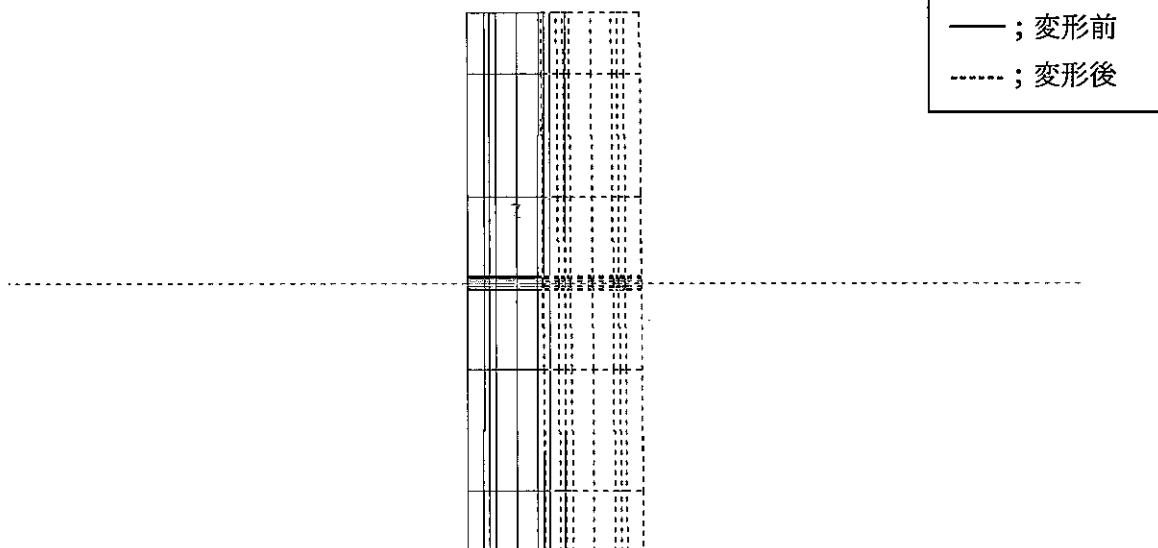


絶対加速度フーリエスペクトル

図3.6.7-5 応答波形（ケース1-1a；処分坑道横置き、乾燥状態、ジョイント要素無）

DEFORMATION: 9-D.C. 0, TIME = 1.413, DISPLACEMENT_9
 TIMESTEP: 3 TIME: 1.413
 DISPLACEMENT - MAG MIN: 7.63E+03 MAX: 7.93E+03
 FRAME OF REF: PART

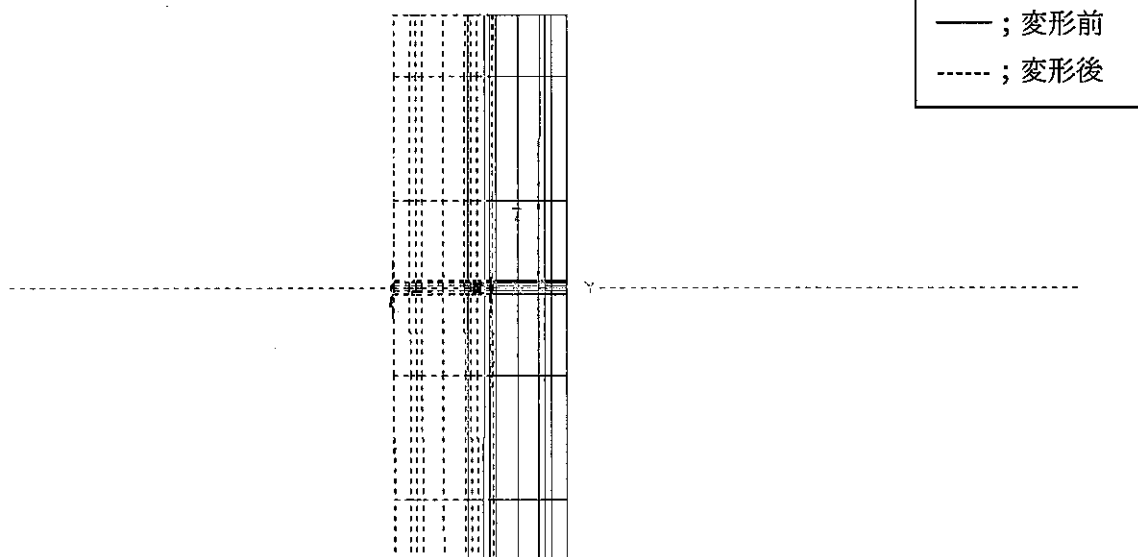
NODE DATA



絶対変位

IEFORMATION: 10-D.C. 0, TIME = 1.413, ACCELERATION_10
 TIMESTEP: 3 TIME: 1.413
 ACCELERATION - MAG MIN: 2.05E+00 MAX: 3.04E+00
 FRAME OF REF: PART

NODE DATA



絶対加速度

図3. 6. 7-6 変位、加速度モード
 (ケース1-1a ; 処分坑道横置き、乾燥状態、ジョイント要素無)

RESULTS: 11-B.C. 0, TIME = 1.413, STRESS_11
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN:-2.22E+06 MAX: 1.53E+06
 FRAME OF REF: PART

3-45

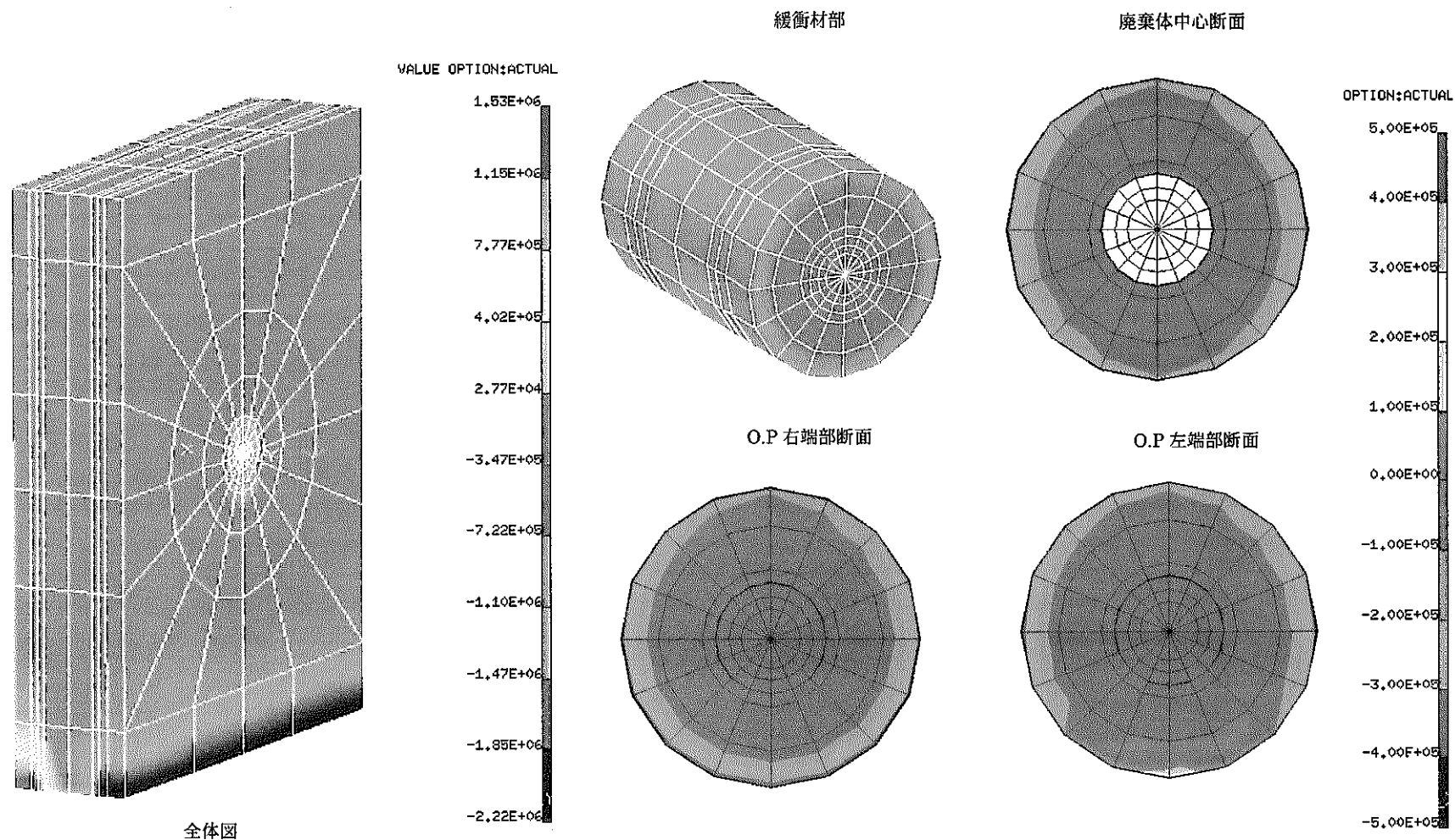
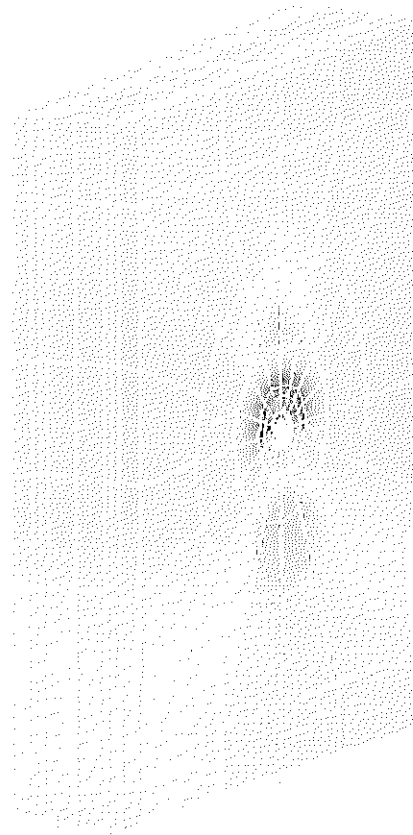


図3. 6. 7-7 セン断応力コンター (ケース1-1 a ; 処分坑道横置き、乾燥状態、ジョイント要素無、単位 Pa)

RESULTS: 12-B.C. 0, TIME = 1.413, STRAIN_12
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN:-9.48E-05 MAX:-8.33E-08
 FRAME OF REF: PART

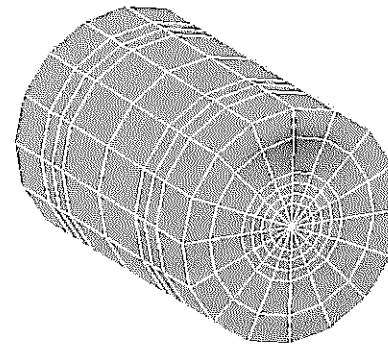
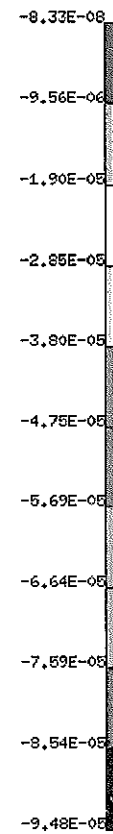
緩衝材部

廃棄体中心断面

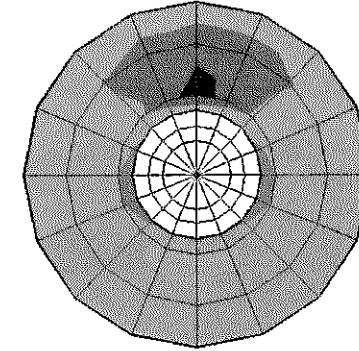


全体図

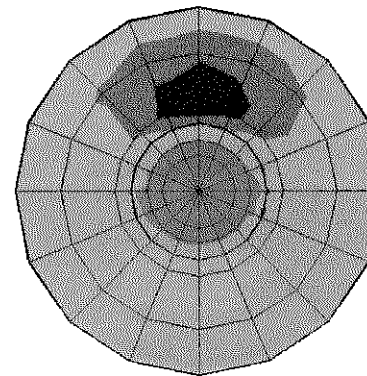
VALUE OPTION:ACTUAL



O.P 右端部断面



O.P 左端部断面



OPTION:ACTUAL

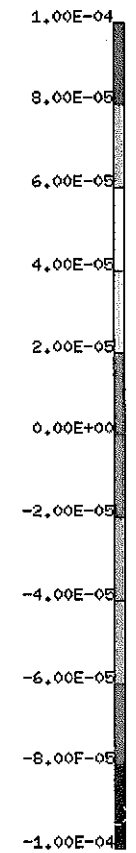
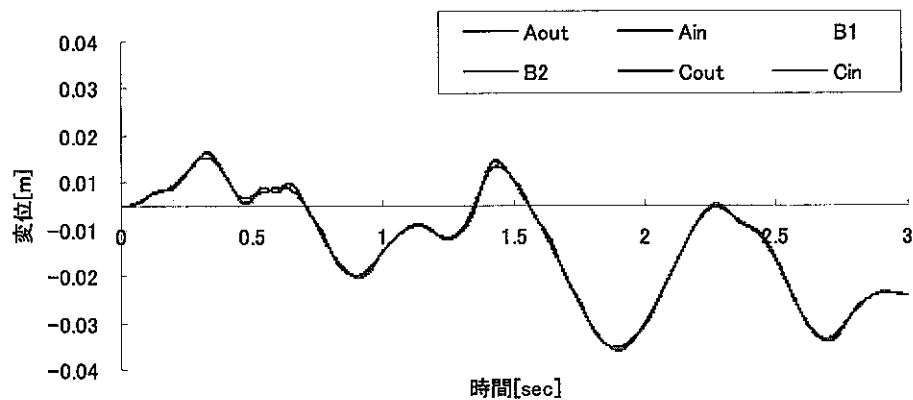
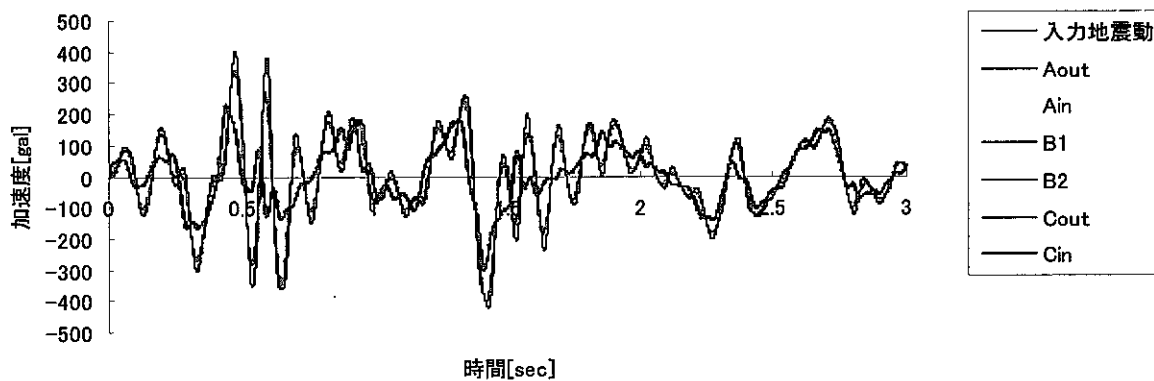


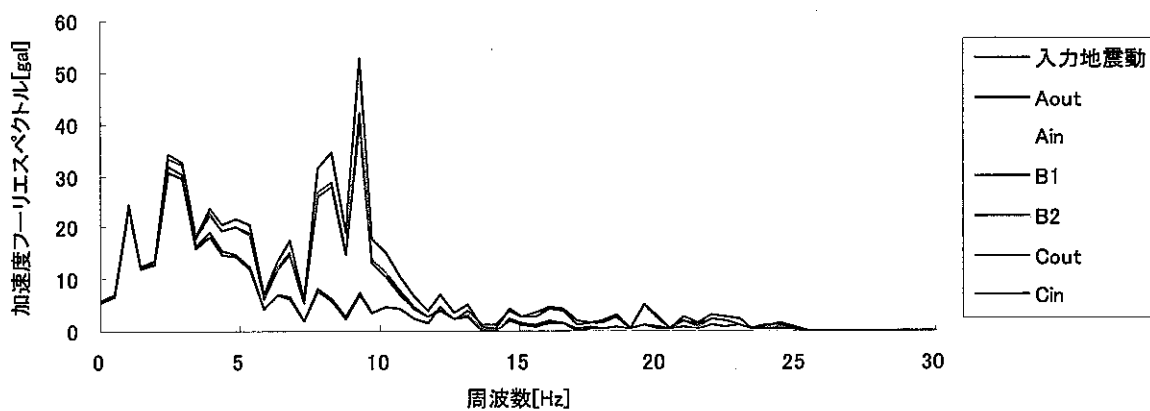
図3.6.7-8 せん断ひずみコンター (ケース1-1a; 処分坑道横置き、乾燥状態、ジョイント要素無、単位;-)



絶対変位応答波形



絶対加速度応答波形



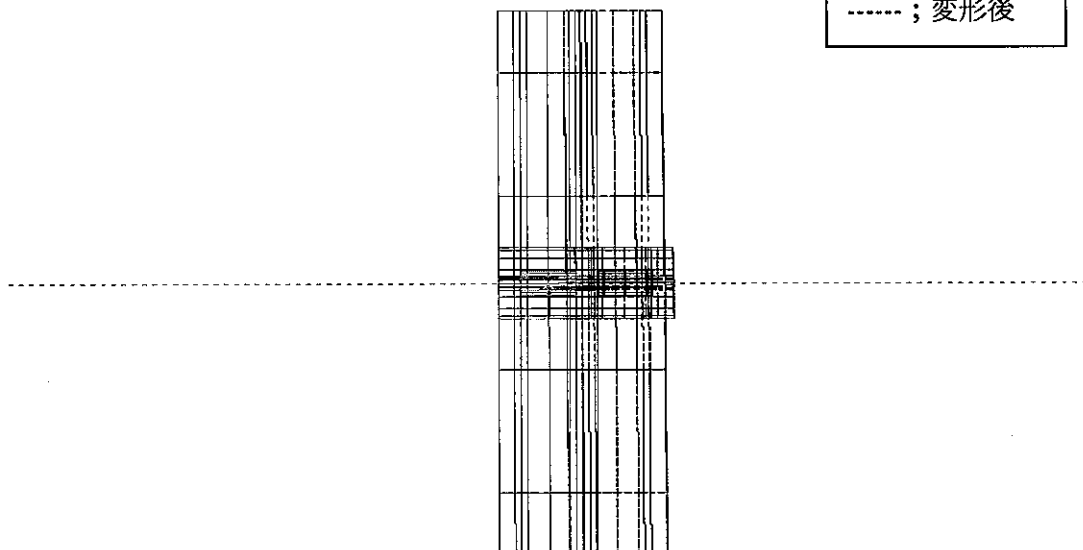
絶対加速度フーリエスペクトル

図3. 6. 7-9 応答波形（ケース1-2；処分坑道横置き、飽和状態、ジョイント要素有）

DEFORMATION: 9-B.C. 0, TIME = 1.413, DISPLACEMENT_9
 TIMESTEP: 3 TIME: 1.413
 DISPLACEMENT - MAG MIN: 7.58E-03 MAX: 8.99E-03
 FRAME OF REF: PART

NODE DATA

—— ; 変形前
 ----- ; 変形後

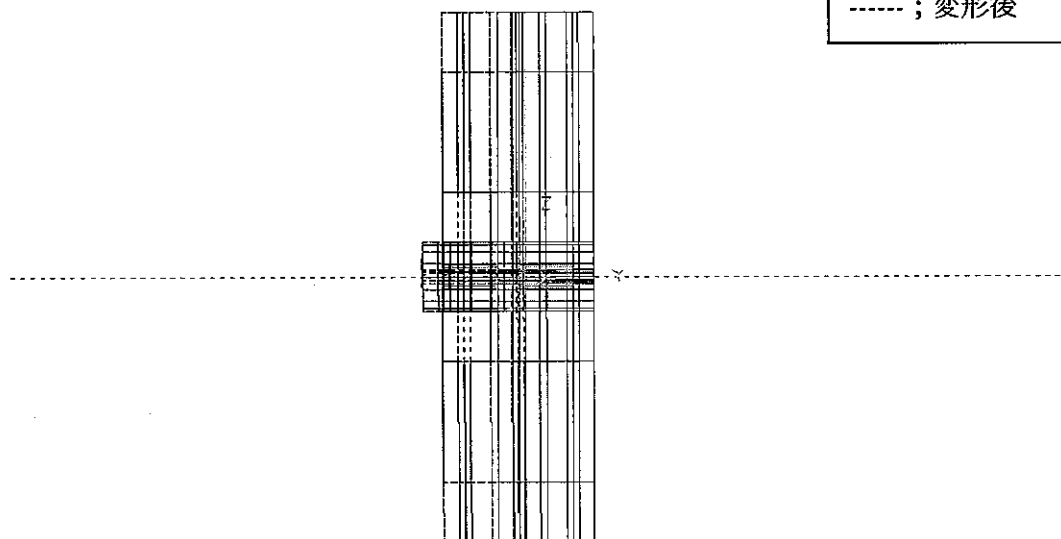


絶対変位

DEFORMATION: 10-B.C. 0, TIME = 1.413, ACCELERATION_10
 TIMESTEP: 3 TIME: 1.413
 ACCELERATION - MAG MIN: 2.87E+00 MAX: 4.01E+00
 FRAME OF REF: PART

NODE DATA

—— ; 変形前
 ----- ; 変形後



絶対加速度

図 3. 6. 7-10 変位、加速度モード

(ケース 1-2 ; 処分坑道横置き、飽和状態、ジョイント要素有)

RESULTS: 11-B.C. 0, TIME = 1.413, STRESS_11
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN:-2.22E+06 MAX: 1.53E+06
 FRAME OF REF: PART

4-49

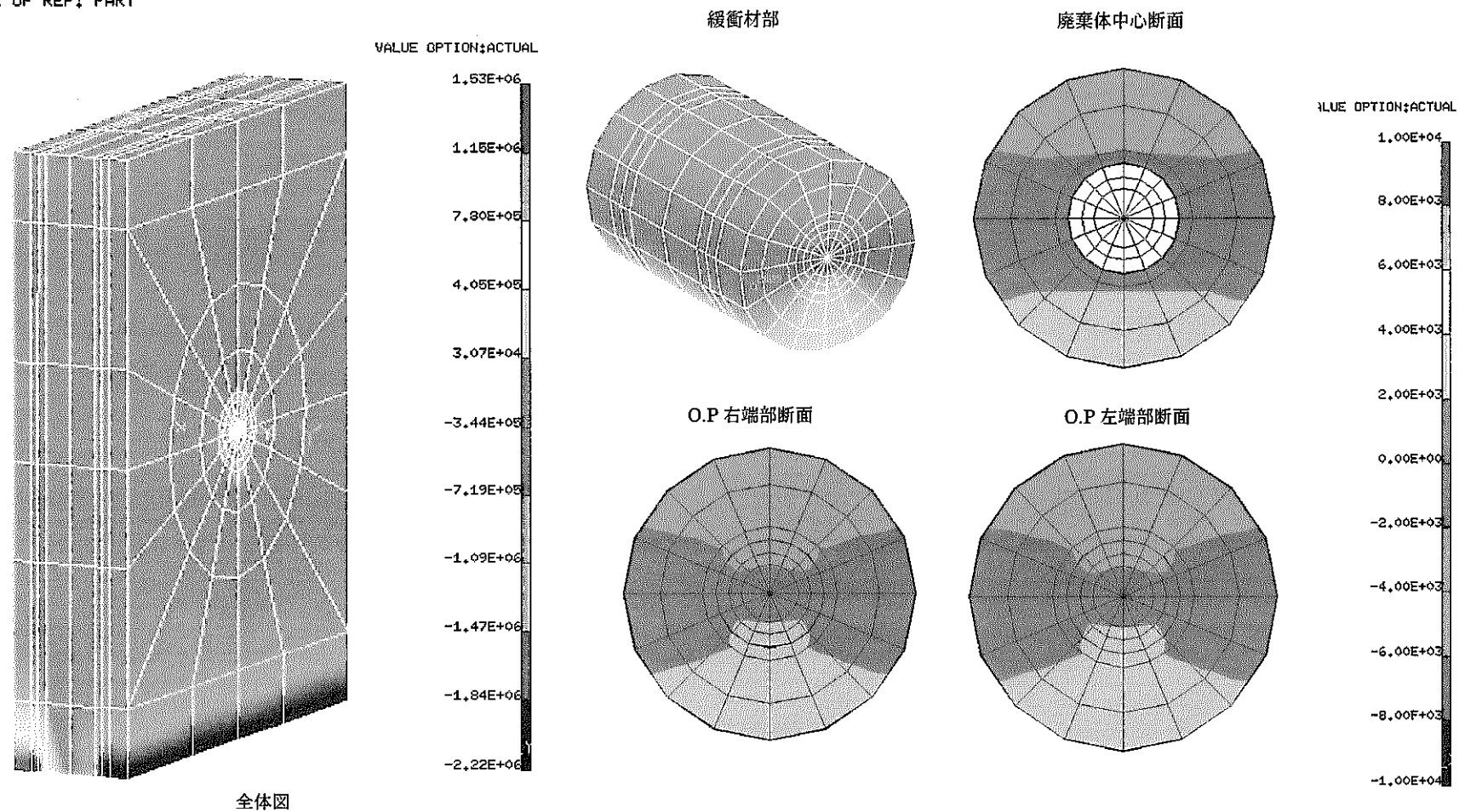


図3.6.7-11 せん断応力コンター (ケース1-2 ; 処分坑道横置き、飽和状態、ジョイント要素有、単位 Pa)

RESULTS: 12-B.C. 0, TIME = 1.413, STRAIN_12
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN: -1.06E-04 MAX: 9.67E-05
 FRAME OF REF: PART

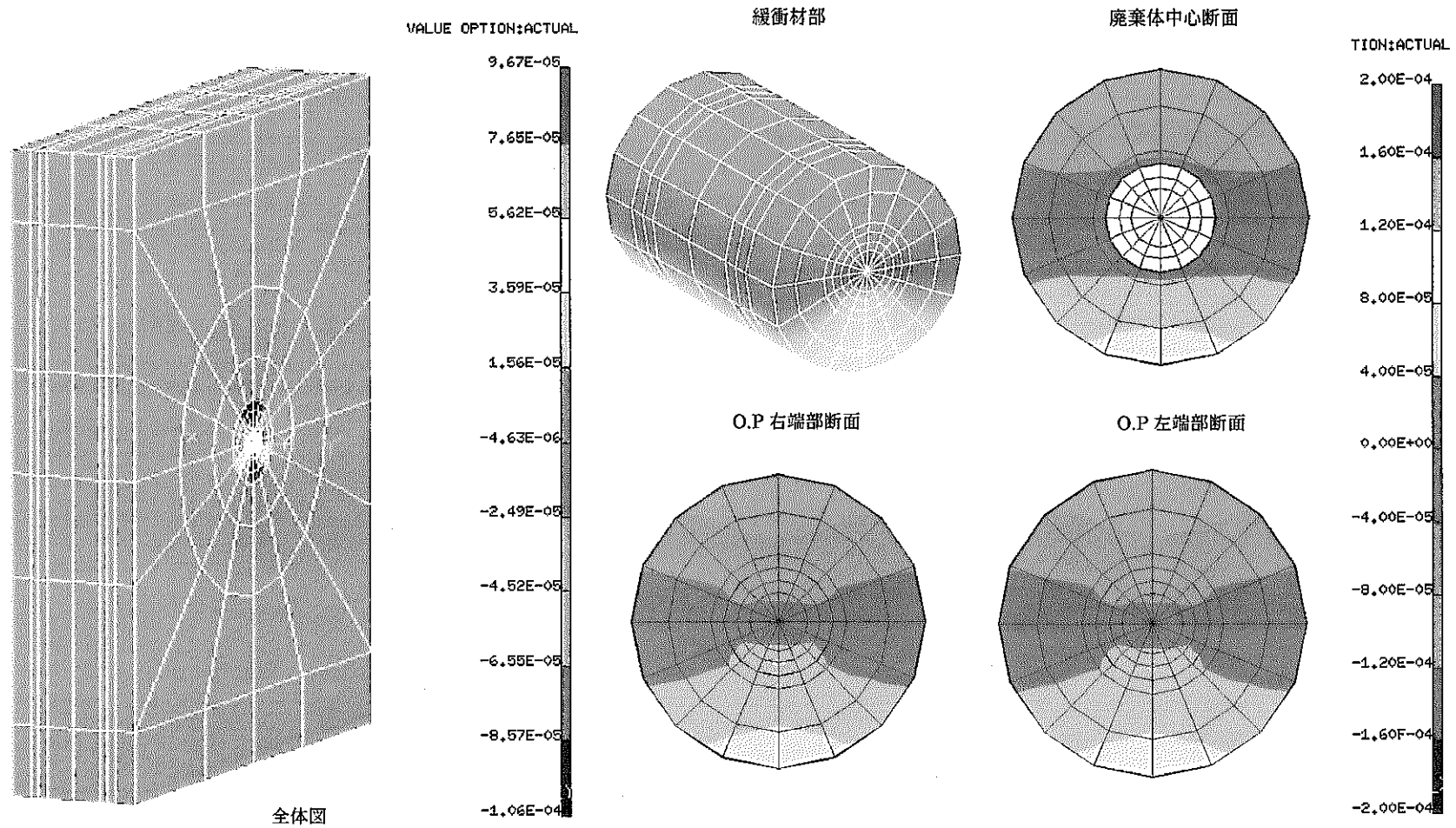
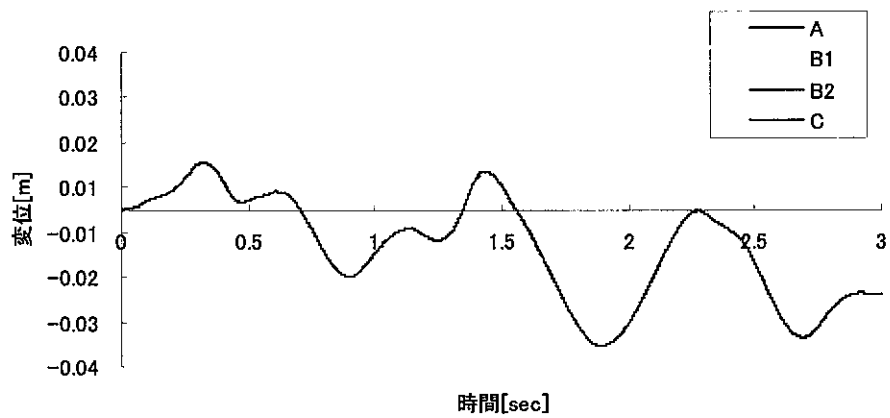
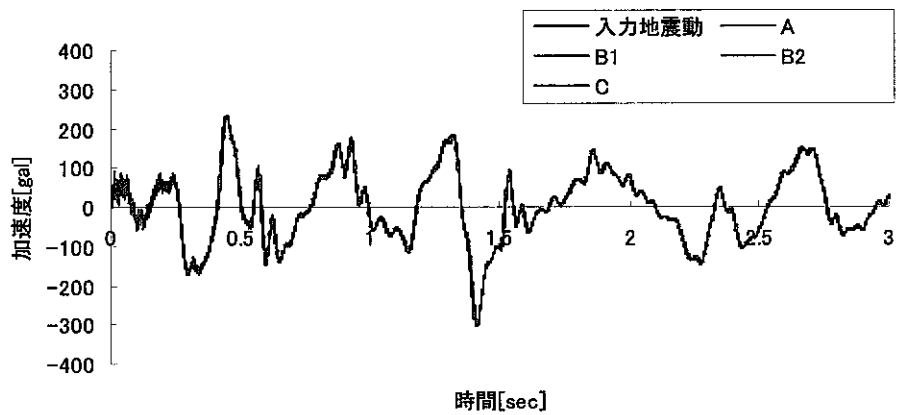


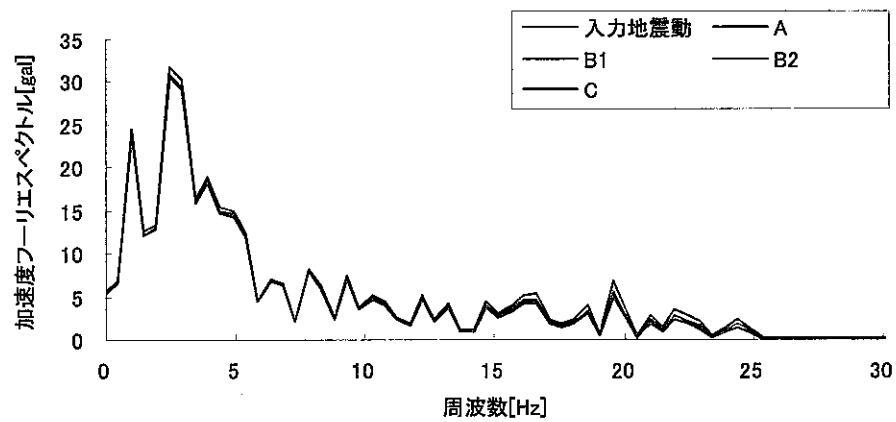
図 3. 6. 7-12 セン断ひずみコンター (ケース 1-2 ; 処分坑道横置き、飽和状態、ジョイント要素有、単位 ; -)



絶対位応答波形



絶対加速度応答波形

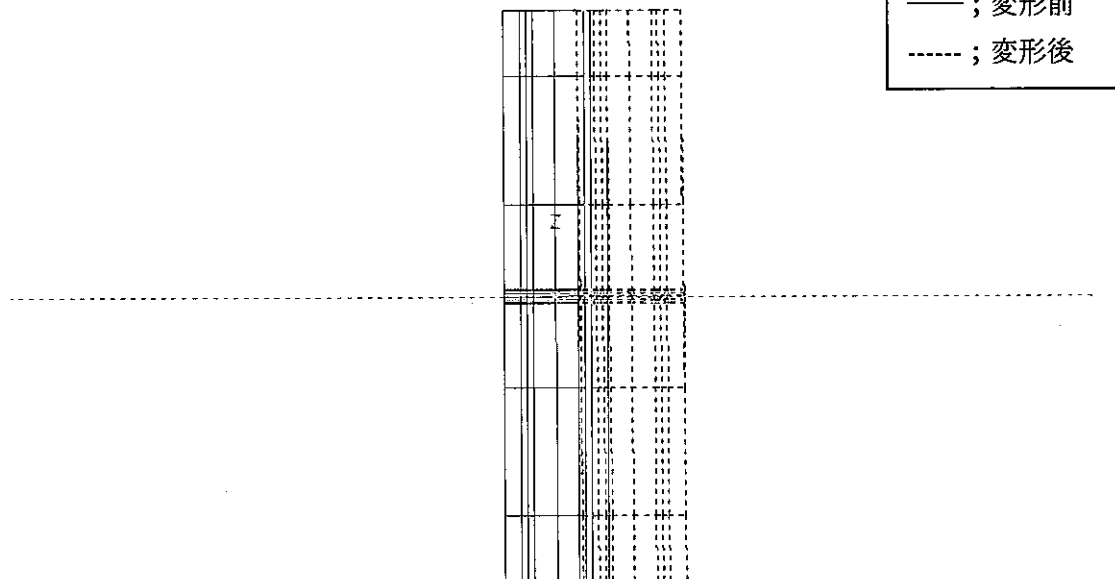


絶対加速度フーリエスペクトル

図3. 6. 7-13 応答波形（ケース1-2a；処分坑道横置き、飽和状態、ジョイント要素無）

DEFORMATION: 9-B.C. O, TIME = 1.413, DISPLACEMENT_9
 TIMESTEP: 3 TIME: 1.413
 DISPLACEMENT - MAG MIN: 7.58E-03 MAX: 7.97E-03
 FRAME OF REF: PART

NODE DATA

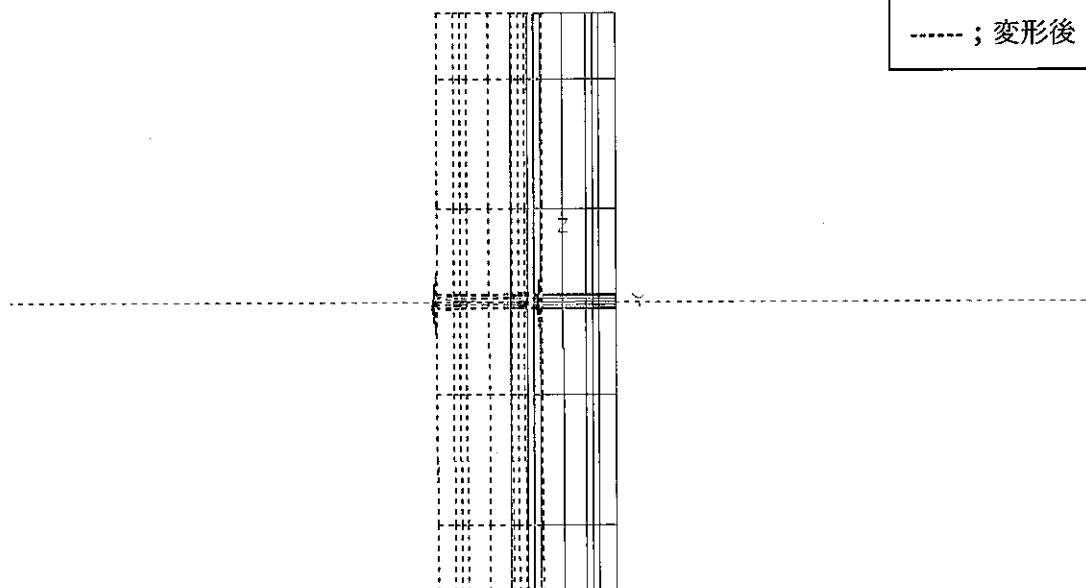


—— ; 変形前
 ----- ; 変形後

絶対変位

DEFORMATION: 10-B.C. O, TIME = 1.413, ACCELERATION_10
 TIMESTEP: 3 TIME: 1.413
 ACCELERATION - MAG MIN: 2.87E+00 MAX: 3.10E+00
 FRAME OF REF: PART

NODE DATA



—— ; 変形前
 ----- ; 変形後

絶対加速度

図 3. 6. 7-14 変位、加速度モード
 (ケース 1-2a ; 処分坑道横置き、飽和状態、ジョイント要素無)

RESULTS: 11-B.C. 0, TIME = 1.413, STRESS_11
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN:-2.22E+06 MAX: 1.53E+06
 FRAME OF REF: PART

3-53

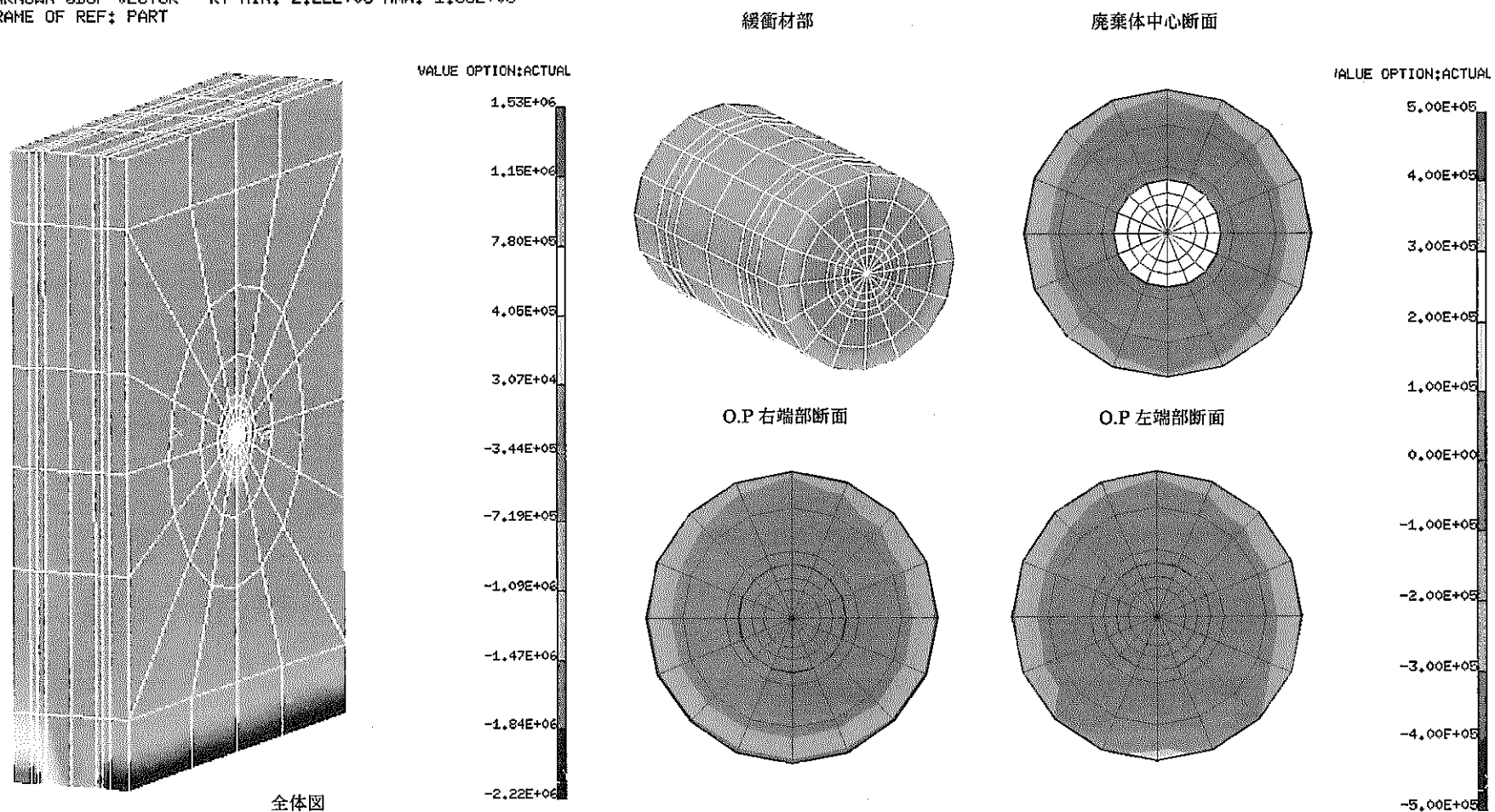


図 3. 6. 7-15 せん断応力コンター (ケース 1-2 a ; 処分坑道横置き、飽和状態、ジョイント要素無、単位 Pa)

RESULTS: 12-B.C. 0, TIME = 1.413, STRAIN_12
 TIMESTEP: 3 TIME: 1.413
 UNKNOWN 6DOF VECTOR - RY MIN:-1.33E-04 MAX: 9.81E-06
 FRAME OF REF: PART

3-54

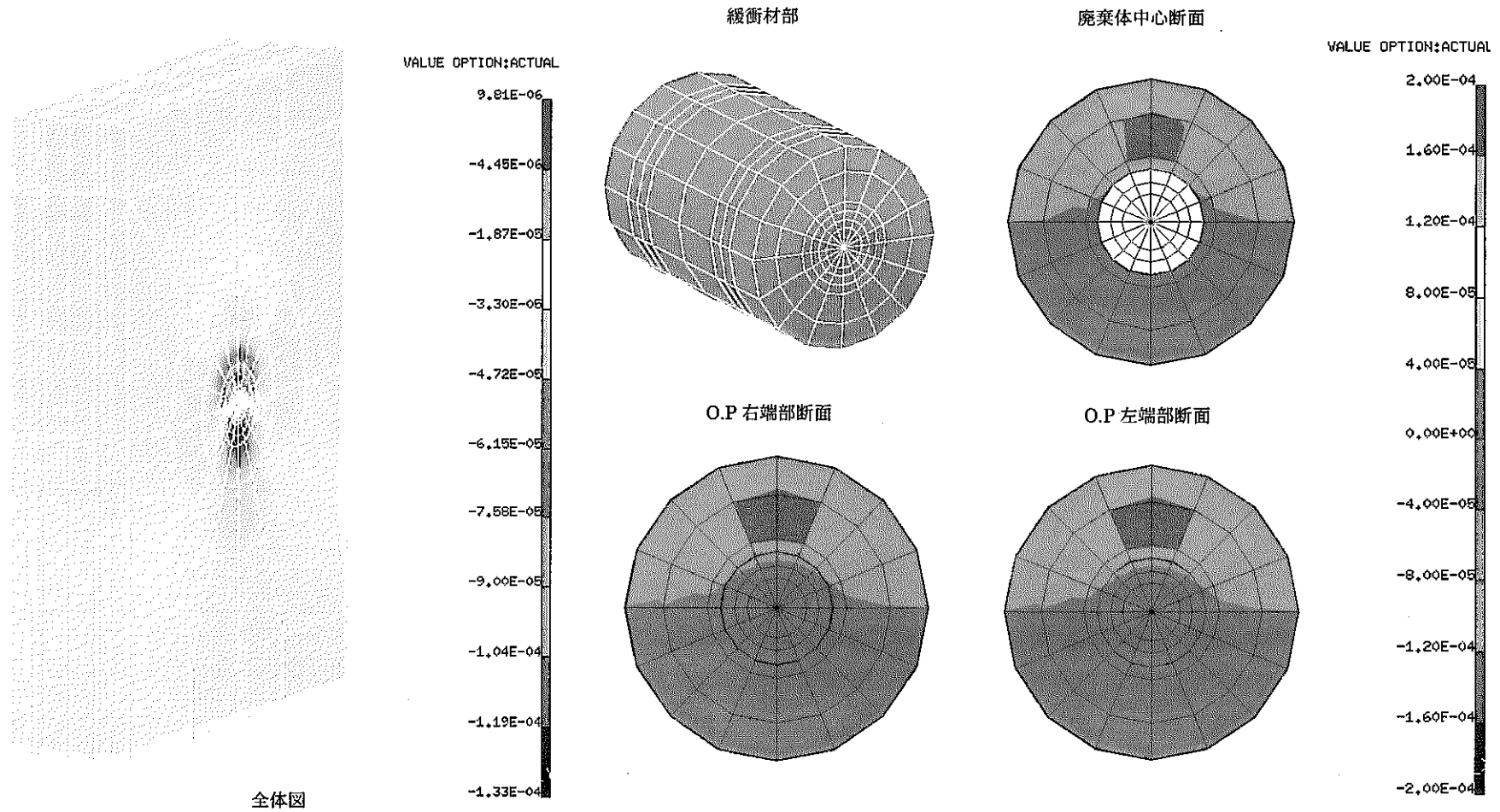
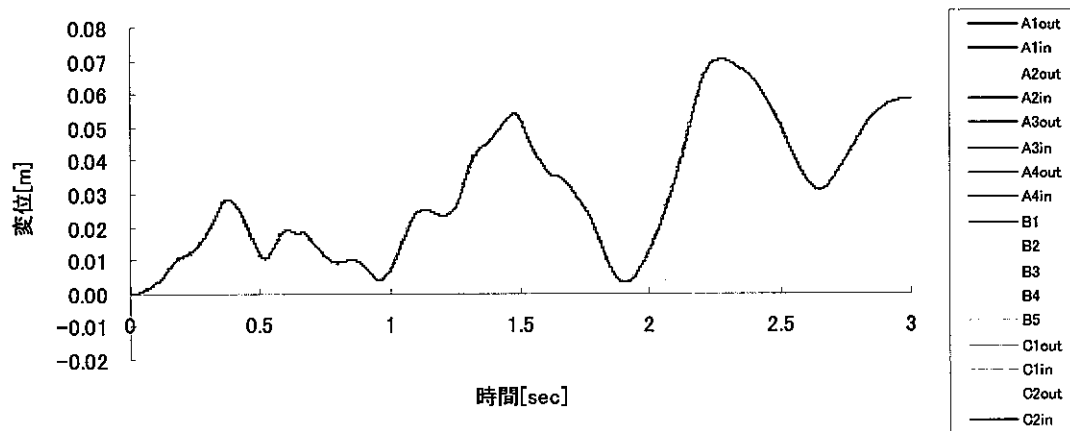
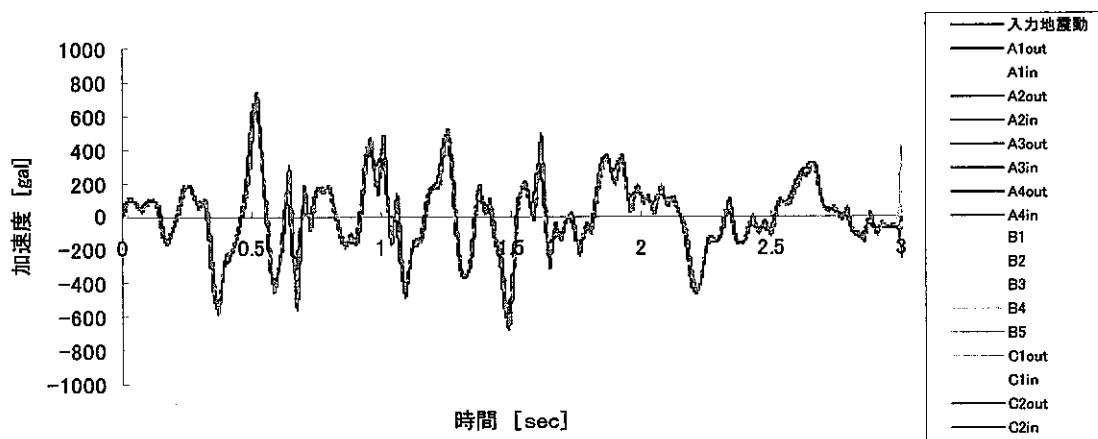


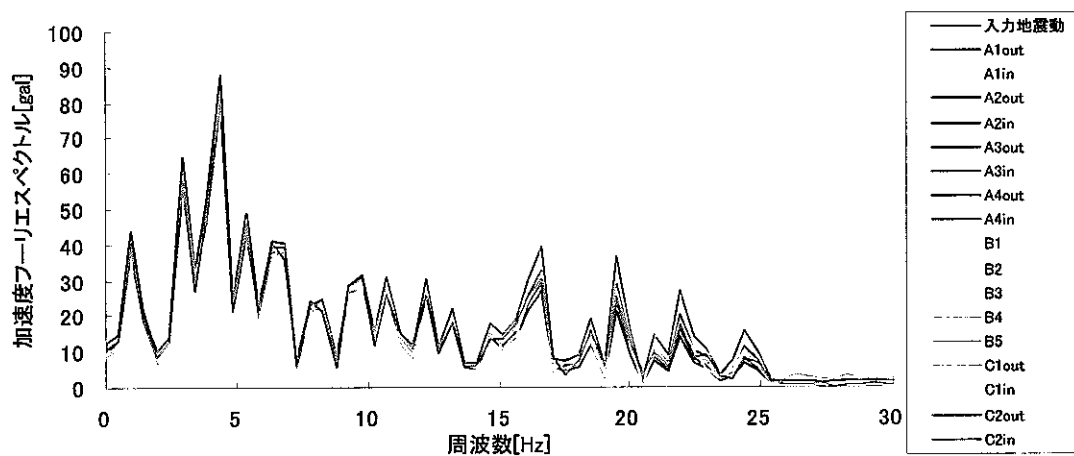
図3.6.7-16 せん断ひずみコンター (ケース1-2a ; 処分坑道横置き、飽和状態、ジョイント要素無、単位 ; -)



絶対変位応答波形



絶対加速度応答波形

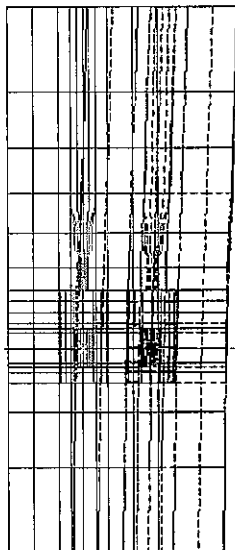


絶対加速度フーリエスペクトル

図3. 6. 7-17 応答波形（ケース2-1；処分孔縦置き、乾燥状態、ジョイント要素有）

DEFORMATION: 1-B.C. 0, TIME = 0.512, DISPLACEMENT_1
 TIMESTEP: 1 TIME: 0.512
 DISPLACEMENT - MAG MIN: 1.04E-02 MAX: 1.29E-02
 FRAME OF REF: PART

NODE DATA

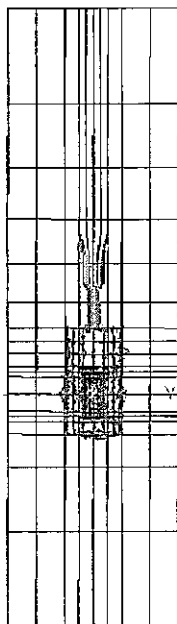


—— ; 変形前
 - - - - ; 変形後

絶対変位

DEFORMATION: 2-B.C. 0, TIME = 0.512, ACCELERATION_2
 TIMESTEP: 1 TIME: 0.512
 ACCELERATION - MAG MIN: 1.56E+00 MAX: 2.59E+02
 FRAME OF REF: PART

NODE DATA



—— ; 変形前
 - - - - ; 変形後

絶対加速度（表示スケール；2倍）

図3.6.7-18 変形、加速度モード
 (ケース2-1 ; 処分孔縦置き、乾燥状態、ジョイント要素有)

RESULTS: 3-B.C. 0, TIME = 0.512, STRESS_3
 TIMESTEP: 1 TIME: 0.512
 UNKNOWN 6DOF VECTOR - RY MIN: -4.94E+05 MAX: 7.19E+05
 FRAME OF REF: PART

3-57

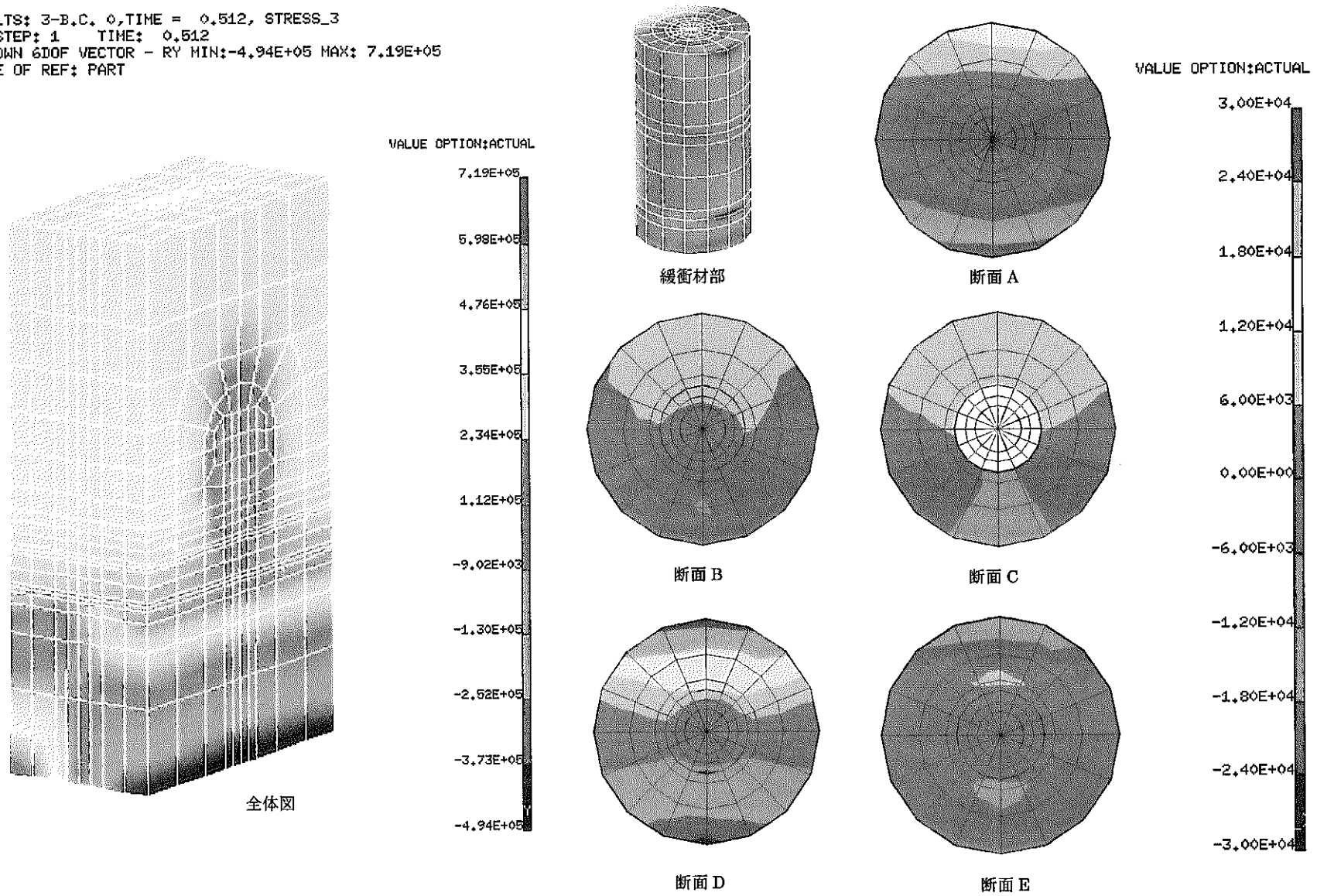


図 3. 6. 7-19 セン断応力コンター (ケース 2-1 ; 処分孔縦置き、乾燥状態、ジョイント要素有、単位 Pa)

RESULTS: 4-D.C. 0, TIME = 0.512, STRAIN_4
 TIMESTEP: 1 TIME: 0.512
 UNKNOWN 6DOF VECTOR - RY MIN: -2.30E-04 MAX: 3.01E-04
 FRAME OF REF: PART

3-58

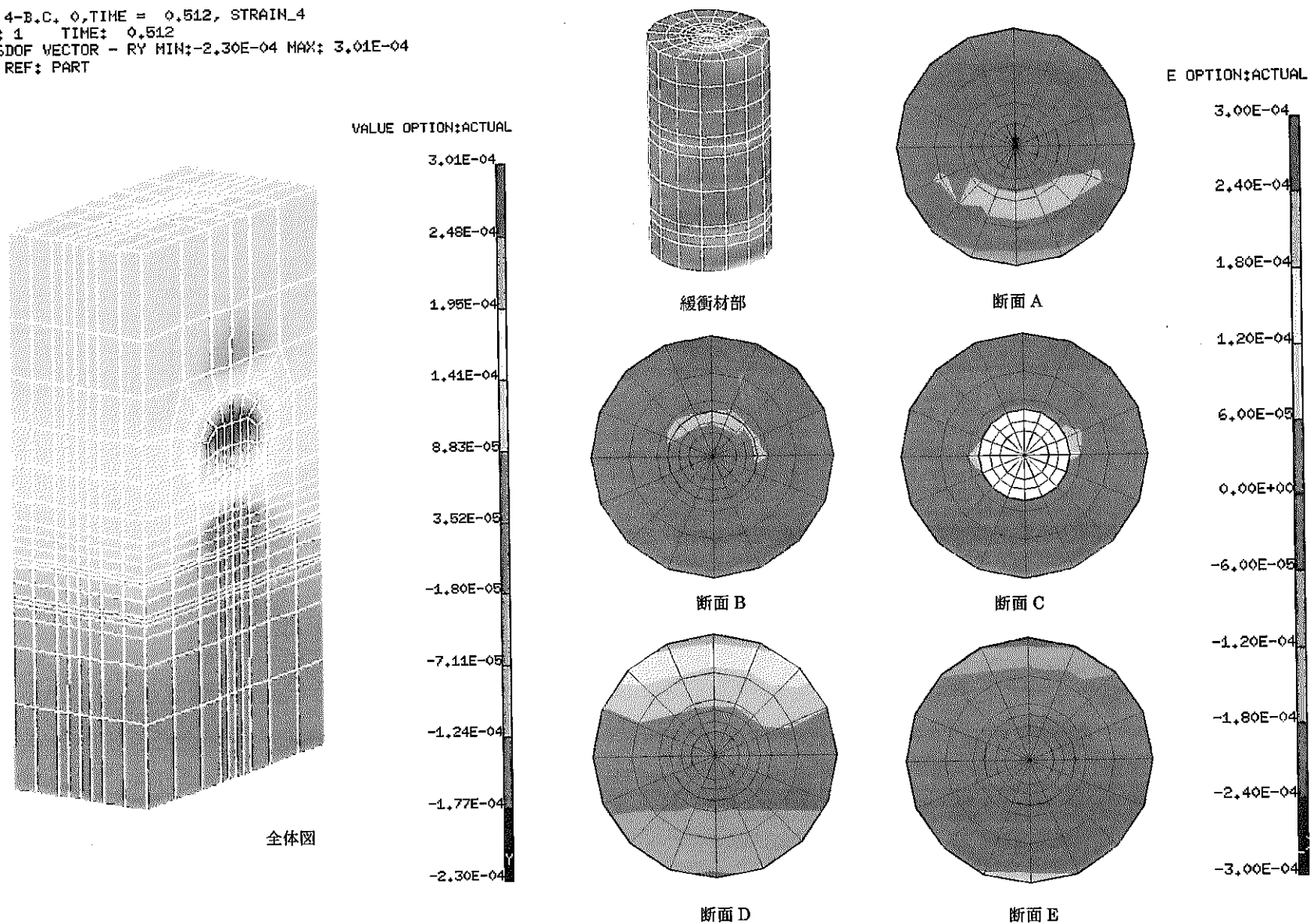


図 3. 6. 7-20 せん断ひずみコンター (ケース 2-1 ; 処分孔縦置き、乾燥状態、ジョイント要素有)

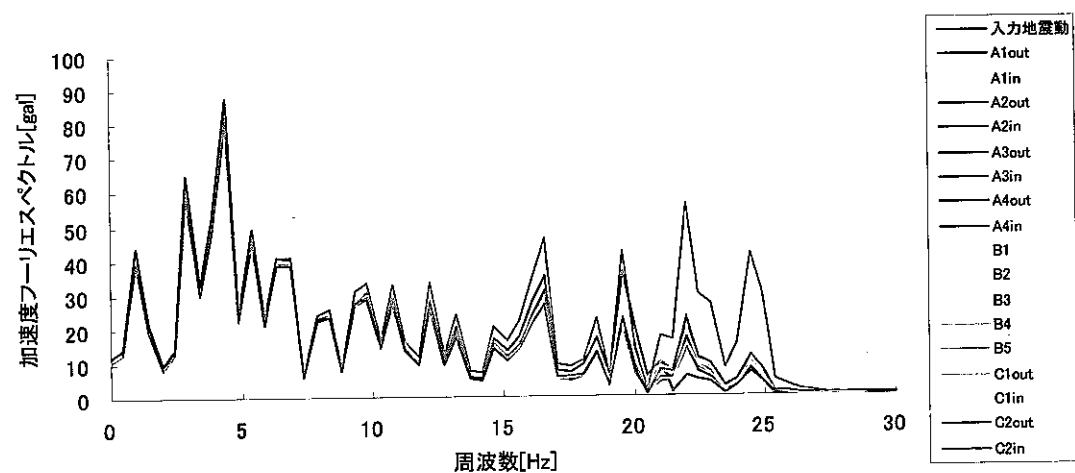
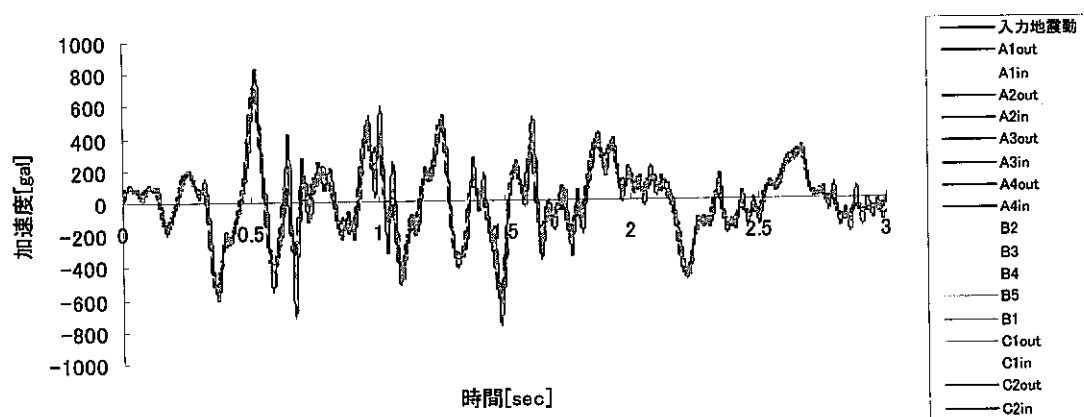
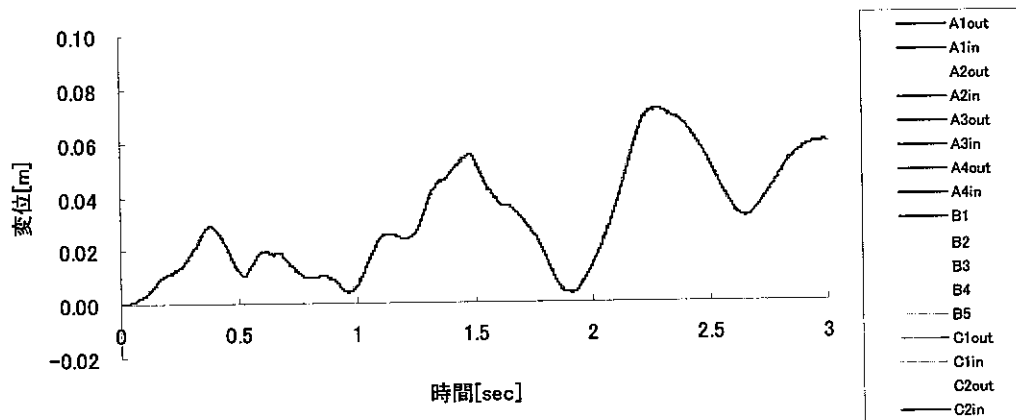
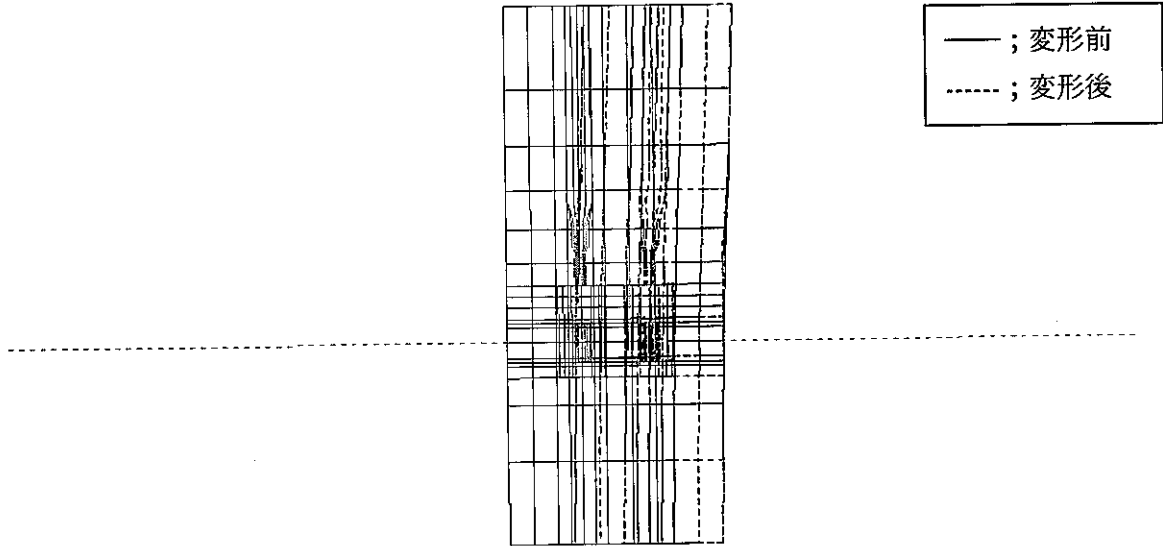


図3.6.7-21 応答波形（ケース2-2；処分孔縦置き、飽和状態、ジョイント要素有）

DEFORMATION: 1-B.C. 0, TIME = 0.512, DISPLACEMENT_1
 TIMESTEP: 1 TIME: 0.512
 DISPLACEMENT - MAG MIN: 1.06E-02 MAX: 1.32E-02
 FRAME OF REF: PART

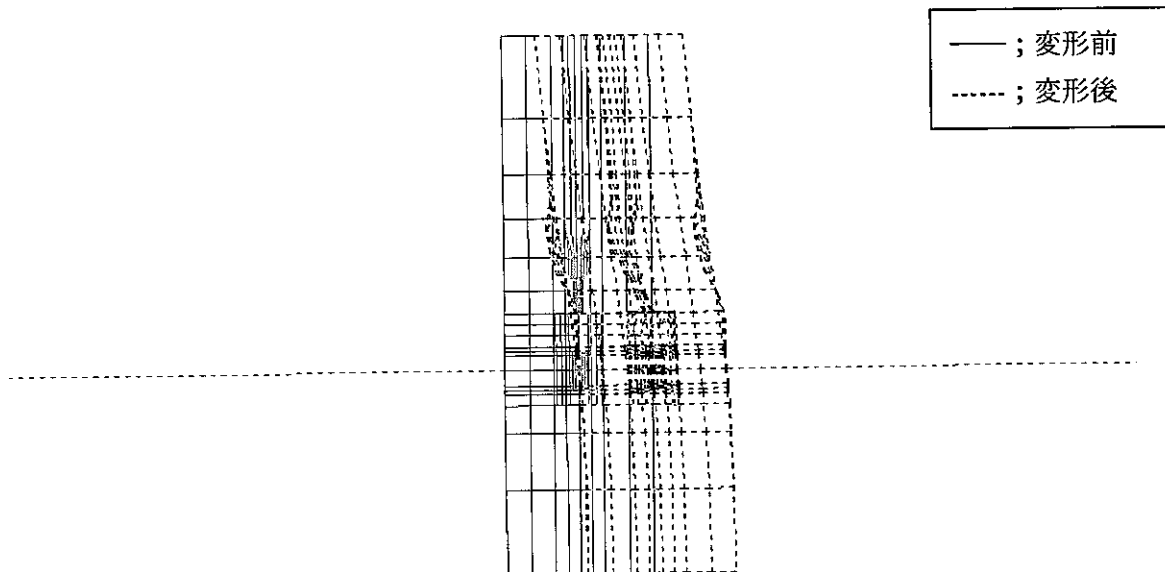
NODE DATA



絶対変位

DEFORMATION: 2-B.C. 0, TIME = 0.512, ACCELERATION_2
 TIMESTEP: 1 TIME: 0.512
 ACCELERATION - MAG MIN: 3.31E+00 MAX: 7.85E+00
 FRAME OF REF: PART

NODE DATA



絶対加速度

図 3. 6. 7-22 変位、加速度モード

RESULTS: 3-B.C. 0, TIME = 0.512, STRESS_3
 TIMESTEP: 1 TIME: 0.512
 UNKNOWN 6DOF VECTOR - RY MIN: -5.00E+05 MAX: 7.13E+05
 FRAME OF REF: PART

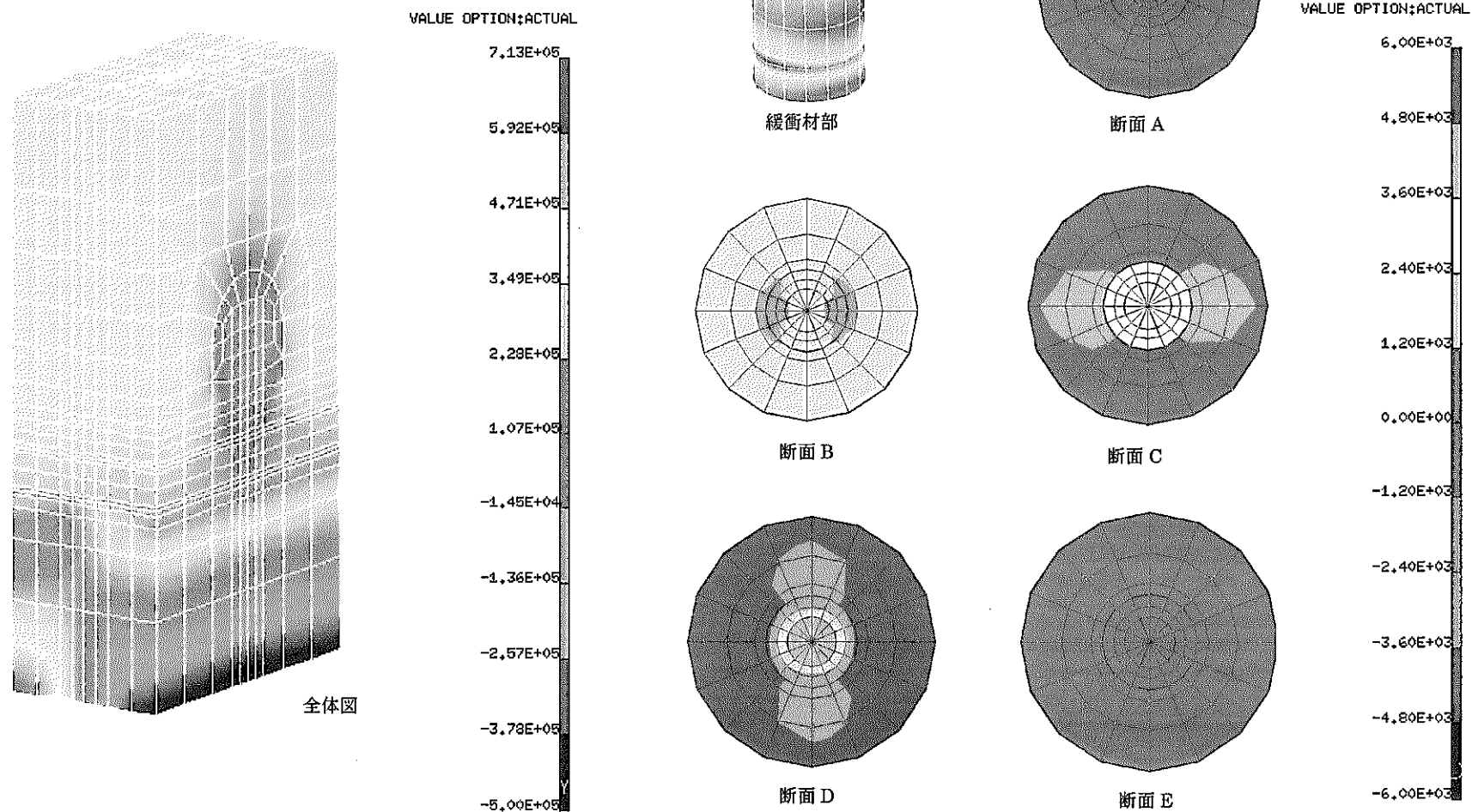


図 3. 6. 7 - 2 3 セン断応力コンター (ケース 2 - 2 ; 処分孔縦置き、飽和状態、ジョイント要素有、単位 Pa)

RESULTS: 4-B.C. 0, TIME = 0.512, STRAIN_4
 TIMESTEP: 1 TIME: 0.512
 UNKNOWN 6DOF VECTOR - RY MIN:-1.12E-04 MAX: 4.20E-04
 FRAME OF REF: PART

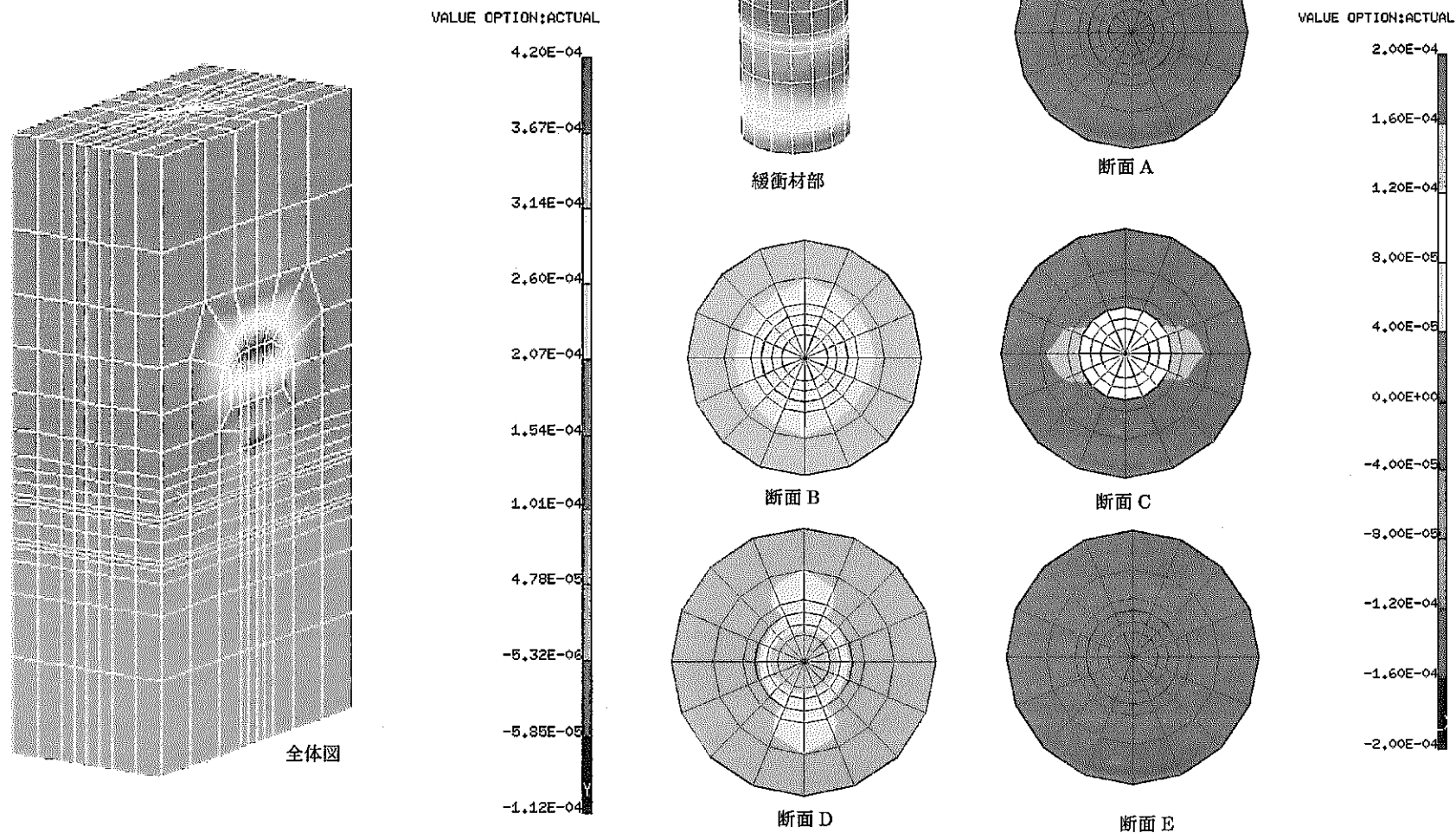
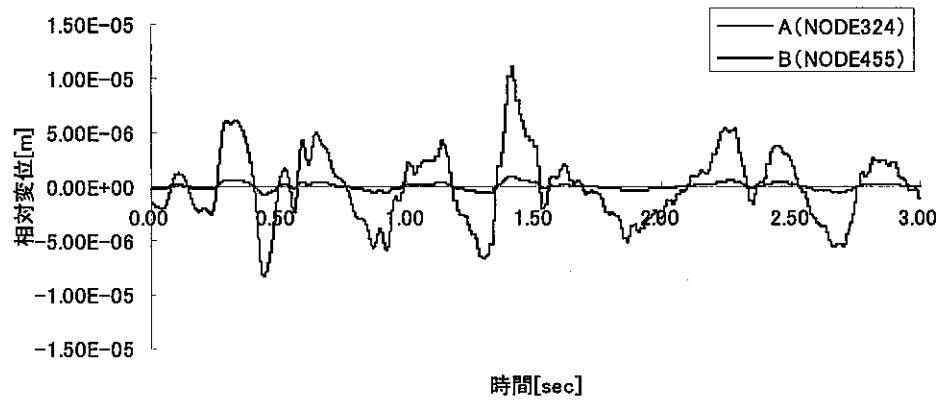
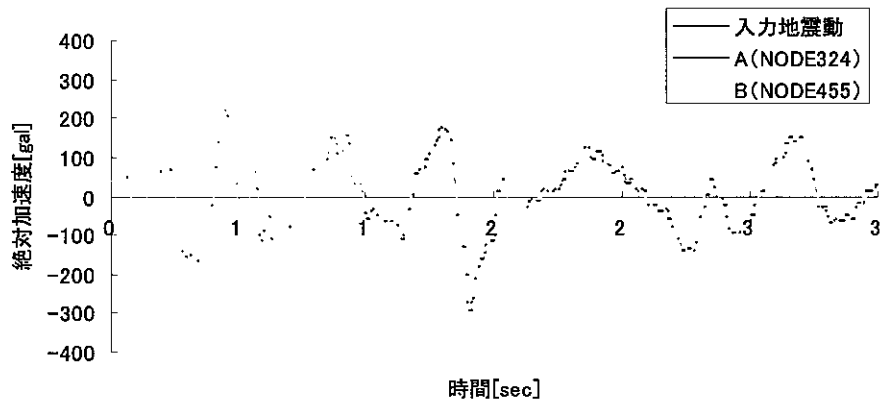


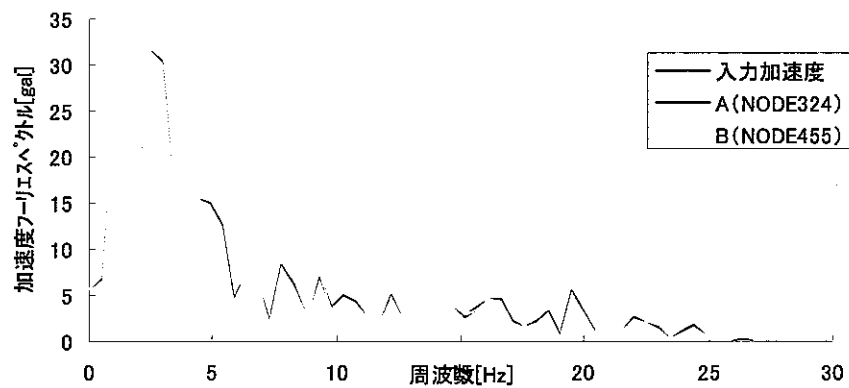
図 3. 6. 5 - 2 4 せん断ひずみコンター (ケース 2 - 2 ; 処分孔縦置き、飽和状態、ジョイント要素有、単位 ; -)



相対変位応答波形

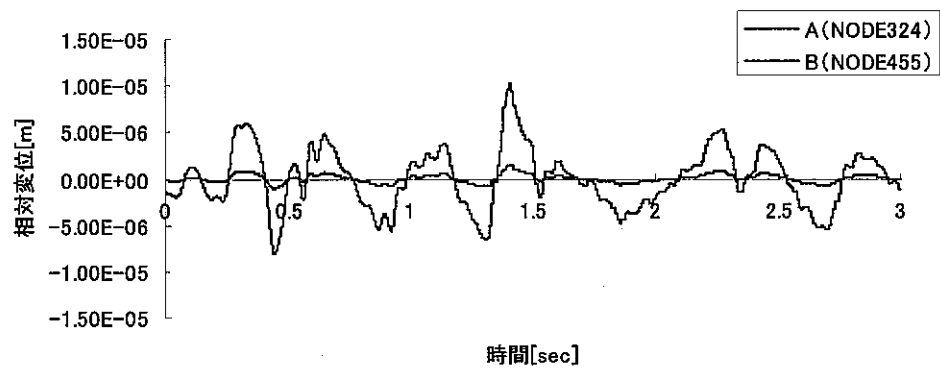


絶対加速度応答波形

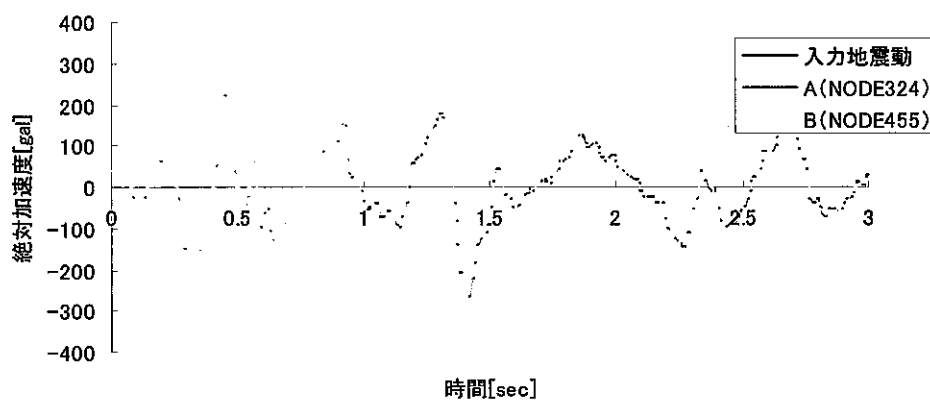


絶対加速度フーリエスペクトル

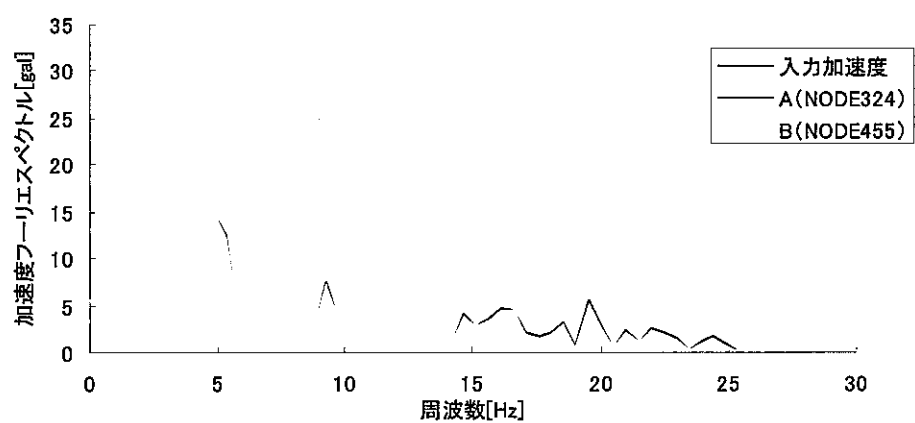
図3.6.7-25 応答波形（ケース1-3；処分坑道横置き、飽和状態、腐食膨張無）



相対変位応答波形



絶対加速度応答波形

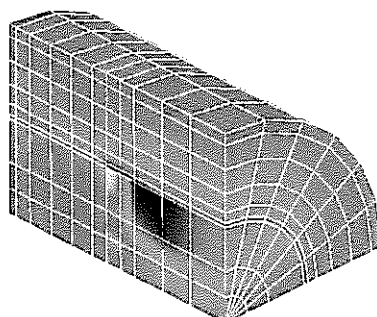


絶対加速度フーリエスペクトル

図3.6.7-27 応答波形（ケース1-4；処分坑道横置き、飽和状態、腐食膨張有）

SEALING: 7-D, 0, 0, TIME = 1.413, STEP22_7
 TIMESTEP: 2 TIME: 1.413
 DISJOINT GROUP VECTOR - BY MIN=2.51E+03 MAX 1.00E+03
 PLANE OF REF: 1407

NODE DATA



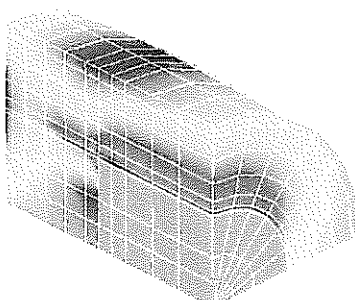
VALUE OF TENSIONAL



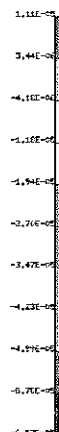
せん断応力 (単位 ; Pa)

SEALING: 0-D, 0, 0, TIME = 1.413, STEP11_8
 TIMESTEP: 2 TIME: 1.413
 DISJOINT GROUP VECTOR - BY MIN=-6.02E+05 MAX 1.11E+05
 PLANE OF REF: 1407

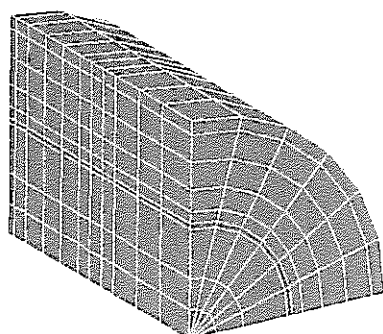
NODE DATA



VALUE OF TENSIONAL



せん断ひずみ (単位 ; -)



VALUE OF TENSIONAL



3.0 秒後の間隙水圧 (単位 ; Pa)

図 3. 6. 7-28 コンター図 (ケース 1-3 ; 処分坑道横置き、飽和状態、腐食膨張有)

4. 結言

これまで段階的に開発してきた人工バリアの地震応答解析モデル／コードを用い、処分場ニアフィールドの耐震性評価手法を検討するとともに、実際の処分環境を想定したニアフィールド地震応答解析を行い、耐震安定性の確保に関する見通しを得ることができた。今後、実施主体の設立等により処分事業が具体化する状況下では、処分場の実現に向けた中長期的な将来像を見据えた諸課題をクリアにしていくとともに、異分野の専門家や国民からの理解を得ることが重要になる。その意味で、これまでに実施してきた研究成果を踏まえつつ、今後検討すべきと思われる課題を以下に示す。

(1) 入力地震波の設定

本研究では、人工バリアシステムの耐震性評価を行うにあたり、過去の著名地震波を表層観測波として推定した処分深度の地中地震波を動的地震応答解析の入力地震動として利用してきた。実際上は不確定な入力地震動に対して、特定の地震波を利用することに明確な論拠はないものの、系の応答性状を共通の地震波に対して比較するという見解から、多くの既往研究でも同様の方法がとられている（梅村ほか、1984）。また、地震観測データの少ない地下深部を対象としていることやサイトを特定していない等の事情を勘案すると、現段階で既存の工学システムと同様のアプローチを採ることは困難である。今後サイトが設定され、人工バリアシステムを取り巻く地質環境条件が絞り込まれた段階では、サイト固有の情報を勘案した入力地震動の想定が必要になる。

(2) 評価基準の設定

現時点で処分場の耐震安定性に関する評価基準や指針は未整備であり、本研究ではとくに緩衝材のせん断破壊ならびに過剰間隙水の発生による液状化の有無に着目した解析・評価を行ってきた。人工バリアシステムの耐震性評価では、システムの力学的な健全性に加えて、核種封じ込めの観点から地震がバリア性能に影響を与えないことを示す必要がある。地震に誘発されるバリア性能への間接的な影響に関しては、例えば処分場に作用する外乱により場の透水性が変化し、結果的に核種移行特性へ影響を及ぼすなど、米国で一部検討がなされている（U.S.DOE、1998）。今後、耐震安定性に関与する重要事象の抽出・整理を体系的に行い、それらに応じた評価基準、指針の整備が必要となる。その様な基準と照らし合わせることで、解析・評価の具体的手順やモデル化方法に関する合理化が議論できるようになる。

兵庫県南部地震（1995 年）を契機に地震災害に対する国民の関心は高まっているものの、現段階では解析・評価の結果を必ずしも分かり易く提示できていない。また、解析の結果得られるデータ量も膨大であり、評価を行う上でのデータハンドリングには非常に多

くの労力を要している。今後は、解析の結果を3次元アニメーション等により容易に可視化することができ、解析・評価を行う側の理解促進はもとより、幅広い情報普及活動を支援できる環境整備が必要と考える。

5. 謝辞

本研究を実施にあたり、核燃料サイクル開発機構の関係各位に多大の御指導、ご教示を頂きました。ここに記して感謝致します。

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付録A N.F地震応答解析入力データサンプル（解析ケース2－1；処分孔縦置きケース）

CONT	case 2-1
ITIL	INIT
DIR	6.000e-01 2.500e-01 1.000e-03 100
PARN	3D
PROB	1
PHAS	9.800e+00
GRAV	1
FILE	
SCON	
STTL	dried buffer
EXEC	DYNA
SOLV	NOML
DYNA	INTB
OPTI	PROP
SEIS	INC1
NODL	ROWD
GEOM	
NODE	2010 0.00000 0.00000 -9.06500
NODE	2011 0.22000 0.00000 -9.06500
NODE	2012 0.20330 0.08420 -9.06500
NODE	2013 0.15560 0.15560 -9.06500
NODE	2014 0.08420 0.20330 -9.06500
NODE	2015 0.09000 0.22000 -9.06500
NODE	2016 -0.08420 0.20330 -9.06500
NODE	2017 -0.15560 0.15560 -9.06500
NODE	2018 -0.20330 0.08420 -9.06500
NODE	2019 -0.22000 0.00000 -9.06500
NODE	2020 -0.20330 -0.08420 -9.06500
NODE	2021 -0.15560 -0.15560 -9.06500
NODE	2022 -0.08420 -0.20330 -9.06500
NODE	2023 0.00000 -0.22000 -9.06500
NODE	2024 0.08420 -0.20330 -9.06500
NODE	2025 0.15560 -0.15560 -9.06500
NODE	2026 0.20330 -0.08420 -9.06500
NODE	2111 0.31060 0.00000 -9.06500
NODE	2112 0.28640 0.11860 -9.06500
NODE	2113 0.21920 0.21920 -9.06500
NODE	2114 0.11860 0.28640 -9.06500
NODE	2115 0.00000 0.31060 -9.06500
NODE	2116 -0.11860 0.28640 -9.06500
NODE	2117 -0.21920 0.21920 -9.06500
NODE	2118 -0.28640 0.11860 -9.06500
NODE	2119 -0.31060 0.00000 -9.06500
NODE	2120 -0.28640 -0.11860 -9.06500
NODE	2121 -0.21920 -0.21920 -9.06500
NODE	2122 -0.11860 -0.28640 -9.06500
NODE	2123 0.00000 -0.31060 -9.06500
NODE	2124 0.11860 -0.28640 -9.06500
NODE	2125 0.21920 -0.21920 -9.06500
NODE	2126 0.28640 -0.11860 -9.06500
NODE	2211 0.41000 0.00000 -9.06500
NODE	2212 0.37890 0.15690 -9.06500
NODE	2213 0.28990 0.28990 -9.06500
NODE	2214 0.15690 0.37890 -9.06500
NODE	2215 0.00000 0.41000 -9.06500
NODE	2216 -0.15690 0.37890 -9.06500
NODE	2217 -0.28990 0.28990 -9.06500
NODE	2218 -0.37890 0.15690 -9.06500
NODE	2219 -0.41000 0.00000 -9.06500
NODE	2220 -0.37890 -0.15690 -9.06500
NODE	2221 -0.28990 -0.28990 -9.06500
NODE	2222 -0.15690 -0.37890 -9.06500
NODE	2223 0.00000 -0.41000 -9.06500
NODE	2224 0.15690 -0.37890 -9.06500
NODE	2225 0.28990 -0.28990 -9.06500
NODE	2226 0.37890 -0.15690 -9.06500
NODE	2311 0.51000 0.00000 -9.06500
NODE	2312 0.47120 0.19520 -9.06500
NODE	2313 0.30600 0.30600 -9.06500
NODE	2314 0.19520 0.47120 -9.06500
NODE	2315 0.00000 0.51000 -9.06500
NODE	2316 -0.19520 0.47120 -9.06500
NODE	2317 -0.30600 0.30600 -9.06500
NODE	2318 -0.47120 0.19520 -9.06500
NODE	2319 -0.51000 0.00000 -9.06500
NODE	2320 -0.47120 -0.19520 -9.06500
NODE	2321 -0.30600 -0.30600 -9.06500
NODE	2322 -0.19520 -0.47120 -9.06500
NODE	2323 0.00000 -0.51000 -9.06500
NODE	2324 0.19520 -0.47120 -9.06500
NODE	2325 0.30600 -0.30600 -9.06500
NODE	2326 0.47120 -0.19520 -9.06500
NODE	2411 0.76000 0.00000 -9.06500
NODE	2412 0.70210 0.29380 -9.06500
NODE	2413 0.53740 0.53740 -9.06500
NODE	2414 0.29080 0.70210 -9.06500
NODE	2415 0.00000 0.76000 -9.06500
NODE	2416 -0.29080 0.70210 -9.06500
NODE	2417 -0.53740 0.53740 -9.06500
NODE	2418 -0.70210 0.29380 -9.06500

NODE	2419 -0.76000 0.00000 -9.06500
NODE	2420 -0.70210 -0.29080 -9.06500
NODE	2421 -0.53740 -0.53740 -9.06500
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NODE	2423 0.00000 -0.76000 -9.06500
NODE	2424 0.29080 -0.70210 -9.06500
NODE	2425 0.53740 -0.53740 -9.06500
NODE	2426 0.70210 -0.29080 -9.06500
NODE	2511 1.11000 0.00000 -9.06500
NODE	2512 1.02550 0.42480 -9.06500
NODE	2513 0.78490 0.78490 -9.06500
NODE	2514 0.42480 1.02550 -9.06500
NODE	2515 0.00000 1.11000 -9.06500
NODE	2516 -0.42480 1.02550 -9.06500
NODE	2517 -0.78490 0.78490 -9.06500
NODE	2518 -1.02550 0.42480 -9.06500
NODE	2519 -1.11000 0.00000 -9.06500
NODE	2520 -1.02550 -0.42480 -9.06500
NODE	2521 -0.78490 -0.78490 -9.06500
NODE	2522 -0.42480 -1.02550 -9.06500
NODE	2523 0.00000 -1.11000 -9.06500
NODE	2524 0.42480 -1.02550 -9.06500
NODE	2525 0.78490 -0.78490 -9.06500
NODE	2526 1.02550 -0.42480 -9.06500
NODE	2527 0.00000 -3.33000 -9.06500
NODE	2528 0.00000 -2.22000 -9.06500
NODE	2529 0.00000 3.33000 -9.06500
NODE	2530 -6.50000 -3.33000 -9.06500
NODE	2531 -6.50000 -2.22000 -9.06500
NODE	2532 -6.50000 -1.11000 -9.06500
NODE	2533 -6.50000 0.00000 -9.06500
NODE	2534 -6.50000 1.11000 -9.06500
NODE	2535 -6.50000 2.22000 -9.06500
NODE	2536 -6.50000 3.33000 -9.06500
NODE	2537 -6.50000 4.44000 -9.06500
NODE	2538 -6.50000 5.55000 -9.06500
NODE	2539 -6.50000 6.66000 -9.06500
NODE	2540 -6.50000 7.77000 -9.06500
NODE	2541 -6.50000 8.88000 -9.06500
NODE	2542 -6.50000 9.99000 -9.06500
NODE	2543 -6.50000 11.10000 -9.06500
NODE	2544 -6.50000 12.21000 -9.06500
NODE	2545 -6.50000 13.32000 -9.06500
NODE	2546 -6.50000 14.43000 -9.06500
NODE	2547 -6.50000 15.54000 -9.06500
NODE	2548 -6.50000 16.65000 -9.06500
NODE	2549 -6.50000 17.76000 -9.06500
NODE	2550 -6.50000 18.87000 -9.06500
NODE	2551 -6.50000 19.98000 -9.06500
NODE	2552 -6.50000 21.09000 -9.06500
NODE	2553 -6.50000 22.20000 -9.06500
NODE	2554 -6.50000 23.31000 -9.06500
NODE	2555 -6.50000 24.42000 -9.06500
NODE	2556 -6.50000 25.53000 -9.06500
NODE	2557 -6.50000 26.64000 -9.06500
NODE	2558 -6.50000 27.75000 -9.06500
NODE	2559 -6.50000 28.86000 -9.06500
NODE	2560 -6.50000 29.97000 -9.06500
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NODE	2562 -6.50000 32.19000 -9.06500
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NODE	2564 -6.50000 34.41000 -9.06500
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NODE	2566 -6.50000 36.63000 -9.06500
NODE	2567 -6.50000 37.74000 -9.06500
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NODE	2573 -6.50000 44.40000 -9.06500
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NODE	2576 -6.50000 47.73000 -9.06500
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NODE	2673 -6.50000 155.40000 -9.

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NODE	3513	0.78490	0.78490	-5.31500
NODE	3514	0.42480	1.02550	-5.31500
NODE	3515	0.00000	1.11000	-5.31500
NODE	3516	-0.42480	1.02550	-5.31500
NODE	3517	-0.78490	0.78490	-5.31500
NODE	3518	-1.02550	0.42480	-5.31500
NODE	3519	-1.11000	0.00000	-5.31500
NODE	3520	-1.02550	-0.42480	-5.31500
NODE	3521	-0.78490	-0.78490	-5.31500
NODE	3522	-0.42480	-1.02550	-5.31500
NODE	3523	0.00000	-1.11000	-5.31500
NODE	3524	0.42480	-1.02550	-5.31500
NODE	3525	0.78490	-0.78490	-5.31500
NODE	3526	1.02550	-0.42480	-5.31500
NODE	3591	0.00000	-3.30000	-5.31500
NODE	3592	0.00000	-2.22000	-5.31500
NODE	3593	0.00000	2.22000	-5.31500
NODE	3594	0.00000	3.30000	-5.31500
NODE	3601	-5.50000	-2.22000	-5.31500
NODE	3602	-6.50000	-2.22000	-5.31500
NODE	3603	-6.50000	-1.11000	-5.31500
NODE	3604	-6.50000	0.55500	-5.31500
NODE	3605	-6.50000	0.00000	-5.31500
NODE	3606	-6.50000	0.55500	-5.31500
NODE	3607	-6.50000	1.11000	-5.31500
NODE	3608	-6.50000	2.22000	-5.31500
NODE	3609	-6.50000	3.30000	-5.31500
NODE	3611	-4.50000	-3.33000	-5.31500
NODE	3612	-4.50000	-2.22000	-5.31500
NODE	3613	-4.50000	-1.11000	-5.31500
NODE	3614	-4.50000	0.55500	-5.31500
NODE	3615	-4.50000	0.00000	-5.31500
NODE	3616	-4.50000	0.55500	-5.31500
NODE	3617	-4.50000	1.11000	-5.31500
NODE	3618	-4.50000	2.22000	-5.31500
NODE	3619	-4.50000	3.30000	-5.31500
NODE	3621	-2.50000	-2.22000	-5.31500
NODE	3622	-2.50000	-2.22000	-5.31500
NODE	3623	-2.50000	-1.11000	-5.31500
NODE	3624	-2.50000	-0.55500	-5.31500
NODE	3625	-2.50000	0.00000	-5.31500
NODE	3626	-2.50000	0.55500	-5.31500
NODE	3627	-2.50000	1.11000	-5.31500
NODE	3628	-2.50000	2.22000	-5.31500
NODE	3629	-2.50000	3.30000	-5.31500
NODE	3631	-1.11000	-3.33000	-5.31500
NODE	3632	-1.11000	-2.22000	-5.31500
NODE	3633	-1.11000	-2.22000	-5.31500
NODE	3634	-1.11000	-3.30000	-5.31500
NODE	3635	-0.55500	-3.33000	-5.31500
NODE	3642	-0.55500	-2.22000	-5.31500
NODE	3648	-0.55500	2.22000	-5.31500
NODE	3649	-0.55500	3.30000	-5.31500
NODE	3701	6.50000	-3.33000	-5.31500
NODE	3702	6.50000	-2.22000	-5.31500
NODE	3703	6.50000	-1.11000	-5.31500
NODE	3704	6.50000	-0.55500	-5.31500
NODE	3705	6.50000	0.00000	-5.31500
NODE	3706	6.50000	0.55500	-5.31500
NODE	3707	6.50000	1.11000	-5.31500
NODE	3708	6.50000	2.22000	-5.31500
NODE	3709	6.50000	3.30000	-5.31500
NODE	3711	4.50000	-3.33000	-5.31500
NODE	3712	4.50000	-2.22000	-5.31500
NODE	3713	4.50000	-1.11000	-5.31500
NODE	3714	4.50000	-0.55500	-5.31500
NODE	3715	4.50000	0.00000	-5.31500
NODE	3716	4.50000	0.55500	-5.31500
NODE	3717	4.50000	1.11000	-5.31500
NODE	3718	4.50000	2.22000	-5.31500
NODE	3719	4.50000	3.30000	-5.31500
NODE	3721	2.50000	-3.33000	-5.31500

NODE	4011	0.22000	0.00000	-2.81500
NODE	4012	0.20370	0.09470	-2.81500
NODE	4013	0.15560	0.15560	-2.81500
NODE	4014	0.08420	0.20330	-2.81500
NODE	4015	0.00000	0.22000	-2.81500
NODE	4016	-0.08420	0.20330	-2.81500
NODE	4017	-0.15560	0.15560	-2.81500
NODE	4018	-0.20330	0.09470	-2.81500
NODE	4019	-0.22000	0.00000	-2.81500
NODE	4020	-0.20330	-0.08420	-2.81500
NODE	4021	-0.15560	-0.15560	-2.81500
NODE	4022	-0.08420	-0.20330	-2.81500
NODE	4023	0.00000	-0.22000	-2.81500
NODE	4024	0.08420	-0.20330	-2.81500
NODE	4025	0.15560	-0.15560	-2.81500
NODE	4026	0.20330	-0.08420	-2.81500
NODE	4111	0.31000	0.00000	-2.81500
NODE	4112	0.28640	0.11860	-2.81500
NODE	4113	0.21920	0.21920	-2.81500
NODE	4114	0.11860	0.28640	-2.81500
NODE	4115	0.00000	0.31000	-2.81500
NODE	4116	-0.11860	0.28640	-2.81500
NODE	4117	-0.21920	0.21920	-2.81500
NODE	4118	-0.28640	0.11860	-2.81500
NODE	4119	-0.31000	0.00000	-2.81500
NODE	4120	-0.28640	-0.11860	-2.81500
NODE	4121	-0.21920	-0.21920	-2.81500
NODE	4122	-0.11860	-0.28640	-2.81500
NODE	4123	0.00000	-0.31000	-2.81500
NODE	4124	0.11860	-0.28640	-2.81500
NODE	4125	0.21920	-0.21920	-2.81500
NODE	4126	0.28640	-0.11860	-2.81500
NODE	4211	0.41000	0.00000	-2.81500
NODE	4212	0.37880	0.15690	-2.81500
NODE	4213	0.28990	0.28990	-2.81500
NODE	4214	0.15690	0.37880	-2.81500
NODE	4215	0.00000	0.41000	-2.81500
NODE	4216	-0.15690	0.37880	-2.81500
NODE	4217	-0.28990	0.28990	-2.81500
NODE	4218	-0.37880	0.15690	-2.81500
NODE	4219	-0.41000	0.00000	-2.81500
NODE	4220	-0.37880	-0.15690	-2.81500
NODE	4221	-0.28990	-0.28990	-2.81500
NODE	4222	-0.15690	-0.37880	-2.81500
NODE	4223	0.00000	-0.41000	-2.81500
NODE	4224	0.15690	-0.37880	-2.81500
NODE	4225	0.28990	-0.28990	-2.81500
NODE	4226	0.37880	-0.15690	-2.81500
NODE	4311	0.51000	0.00000	-2.81500
NODE	4312	0.19370	0.51000	-2.81500
NODE	4313	0.36050	0.36050	-2.81500
NODE	4314	0.19526	0.47120	-2.81500
NODE	4315	0.00000	0.51000	-2.81500
NODE	4316	-0.19526	0.47120	-2.81500
NODE	4317	-0.36050	0.36050	-2.81500
NODE	4318	-0.51000	0.19370	-2.81500
NODE	4319	-0.51000	0.00000	-2.81500
NODE	4320	-0.47120	-0.19526	-2.81500
NODE	4321	-0.36050	-0.36050	-2.81500
NODE	4322	-0.19526	-0.47120	-2.81500
NODE	4323	0.00000	-0.51000	-2.81500
NODE	4324	0.19370	-0.47120	-2.81500
NODE	4325	0.36050	-0.36050	-2.81500
NODE	4326	0.47120	-0.19526	-2.81500
NODE	4411	0.76000	0.00000	-2.81500
NODE	4412	0.70210	0.29080	-2.81500
NODE	4413	0.53740	0.53740	-2.81500
NODE	4414	0.29080	0.70210	-2.81500
NODE	4415	0.00000	0.76000	-2.81500
NODE	4416	-0.29080	0.70210	-2.81500
NODE	4417	-0.53740	0.53740	-2.81500
NODE	4418	-0.70210	0.29080	-2.81500
NODE	4419	-0.76000	0.00000	-2.81500

NODE	4521	-0.78490	-0.78490	-2.81500
NODE	4522	0.42480	-1.02550	-2.81500
NODE	4523	0.00000	-1.11000	-2.81500
NODE	4524	0.42480	-1.02550	-2.81500
NODE	4525	0.78490	-0.78490	-2.81500
NODE	4526	-0.10620	-0.10620	-2.81500
NODE	4527	0.00000	-1.33000	-2.81500
NODE	4528	0.00000	-2.22000	-2.81500
NODE	4529	0.00000	-2.22000	-2.81500
NODE	4530	0.00000	-2.22000	-2.81500
NODE	4531	0.00000	-3.33000	-2.81500
NODE	4532	-0.55000	-3.33000	-2.81500
NODE	4533	-0.55000	-2.22000	-2.81500
NODE	4534	-1.11000	-2.22000	-2.81500
NODE	4535	-0.55000	-0.55000	-2.81500
NODE	4536	-0.55000	0.00000	-2.81500
NODE	4537	-0.55000	1.11000	-2.81500
NODE	4538	-1.11000	1.11000	-2.81500
NODE	4539	-0.55000	2.22000	-2.81500
NODE	4540	-0.55000	2.22000	-2.81500
NODE	4541	-0.55000	2.22000	-2.81500
NODE	4542	-0.55000	2.22000	-2.81500
NODE	4543	-0.55000	2.22000	-2.81500
NODE	4544	-0.55000	2.22000	-2.81500
NODE	4545	-0.55000	2.22000	-2.81500
NODE	4546	-0.55000	2.22000	-2.81500
NODE	4547	-0.55000	2.22000	-2.81500
NODE	4548	-0.55000	2.22000	-2.81500
NODE	4549	-0.55000	2.22000	-2.81500
NODE	4550	-0.55000	2.22000	-2.81500
NODE	4551	-0.55000	2.22000	-2.81500
NODE	4552	-0.55000	2.22000	-2.81500
NODE	4553	-0.55000	2.22000	-2.81500
NODE	4554	-0.55000	2.22000	-2.81500
NODE	4555	-0.55000	2.22000	-2.81500
NODE	4556	-0.55000	2.22000	-2.81500
NODE	4557	-0.55000	2.22000	-2.81500
NODE	4558	-0.55000	2.22000	-2.81500
NODE	4559	-0.55000	2.22000	-2.81500
NODE	4560	-0.55000	2.22000	-2.81500
NODE	4561	-0.55000	2.22000	-2.81500
NODE	4562	-0.55000	2.22000	-2.81500
NODE	4563	-0.55000	2.22000	-2.81500
NODE	4564	-0.55000	2.22000	-2.81500
NODE	4565	-0.55000	2.22000	-2.81500
NODE	4566	-0.55000	2.22000	-2.81500
NODE	4567	-0.55000	2.22000	-2.81500
NODE	4568	-0.55000	2.22000	-2.81500
NODE	4569	-0.55000	2.22000	-2.81500
NODE	4570	-0.55000	2.22000	-2.81500
NODE	4571	-0.55000	2.22000	-2.81500
NODE	4572	-0.55000	2.22000	-2.81500
NODE	4573	-0.55000	2.22000	-2.81500
NODE	4574	-0.55000	2.22000	-2.81500
NODE	4575	-0.55000	2.22000	-2.81500
NODE	4576	-0.55000	2.22000	-2.81500
NODE	4577	-0.55000	2.22000	-2.81500
NODE	4578	-0.55000	2.22000	-2.81500
NODE	4579	-0.55000	2.22000	-2.81500
NODE	4580	-0.55000	2.22000	-2.81500
NODE	4581	-0.55000	2.22000	-2.81500
NODE	4582	-0.55000	2.22000	-2.81500
NODE	4583	-0.55000	2.22000	-2.81500
NODE	4584	-0.55000	2.22000	-2.81500
NODE	4585	-0.55000	2.22000	-2.81500
NODE	4586	-0.55000	2.22000	-2.81500
NODE	4587	-0.55000	2.22000	-2.81500
NODE	4588	-0.55000	2.22000	-2.81500
NODE	4589	-0.55000	2.22000	-2.81500
NODE	4590	-0.55000	2.22000	-2.81500
NODE	4591	-0.55000	2.22000	-2.81500
NODE	4592	-0.55000	2.22000	-2.81500
NODE	4593	-0.55000	2.22000	-2.81500

NODE	5020	-0.20330	-0.08420	-1.56500
NODE	5021	-0.15560	-0.15560	-1.56500
NODE	5022	-0.00000	-0.20330	-1.56500
NODE	5023	-0.00000	-0.20330	-1.56500
NODE	5024	0.08420	-0.20330	-1.56500
NODE	5025	0.15560	-0.15560	-1.56500
NODE	5026	0.20330	-0.08420	-1.56500
NODE	5027	0.00000	0.00000	-1.56500
NODE	5061	0.27000	0.00000	-1.56500
NODE	5062	0.20330	0.08420	-1.56500
NODE	5063	0.15560	0.15560	-1.56500
NODE	5081	0.08420	0.20330	-1.56500
NODE	5082	0.00000	0.20330	-1.56500
NODE	5083	-0.00000	0.20330	-1.56500
NODE	5067	-0.15560	0.15560	-1.56500
NODE	5068	-0.20330	0.08420	-1.56500
NODE	5069	-0.22000	0.00000	-1.56500
NODE	5070	-0.20330	-0.08420	-1.56500
NODE	5071	-0.15560	-0.15560	-1.56500
NODE	5072	-0.00000	-0.20330	-1.56500
NODE	5073	0.00000	-0.22000	-1.56500
NODE	5074	0.08420	-0.20330	-1.56500
NODE	5075	0.15560	-0.15560	-1.56500
NODE	5076	0.20330	-0.08420	-1.56500
NODE	5111	0.31000	0.00000	-1.56500
NODE	5112	0.28540	0.11860	-1.56500
NODE	5113	0.21920	0.21920	-1.56500
NODE	5114	0.11860	0.28540	-1.56500
NODE	5115	0.00000	0.31000	-1.56500
NODE	5116	-0.11860	0.28540	-1.56500
NODE	5117	-0.21920	0.21920	-1.56500
NODE	5118	-0.28540	0.11860	-1.56500
NODE	5119	-0.31000	0.00000	-1.56500
NODE	5120	-0.28540	-0.11860	-1.56500
NODE	5121	-0.21920	-0.21920	-1.56500
NODE	5122	-0.11860	-0.28540	-1.56500
NODE	5123	-0.00000	-0.31000	-1.56500
NODE	5124	-0.11860	-0.28540	-1.56500
NODE	5125	-0.21920	-0.21920	-1.56500
NODE	5126	-0.28540	-0.11860	-1.56500
NODE	5161	0.31000	0.00000	-1.56500
NODE	5162	0.28540	0.11860	-1.56500
NODE	5163	0.21920	0.21920	-1.56500
NODE	5164	0.11860	0.28540	-1.56500
NODE	5165	0.00000	0.31000	-1.56500
NODE	5166	-0.11860	0.28540	-1.56500
NODE	5167	-0.21920	0.21920	-1.56500
NODE	5168	-0.28540	0.11860	-1.56500
NODE	5169	-0.31000	0.00000	-1.56500
NODE	5170	-0.28540	-0.11860	-1.56500
NODE	5171	-0.21920	-0.21920	-1.56500
NODE	5172	-0.11860	-0.28540	-1.56500
NODE	5173	0.00000	-0.31000	-1.56500
NODE	5174	0.11860	-0.28540	-1.56500
NODE	5175	0.21920	-0.21920	-1.56500
NODE	5176	0.28540	-0.11860	-1.56500
NODE	5201	0.00000	0.00000	-1.56500
NODE	5212	0.37880	0.15690	-1.56500
NODE	5213	0.28990	0.28990	-1.56500
NODE	5214	0.15690	0.37880	-1.56500
NODE	5215	0.00000	0.41000	-1.56500
NODE	5216	-0.15690	0.37880	-1.56500
NODE	5217	-0.28990	0.28990	-1.56500
NODE	5218	-0.37880	0.15690	-1.56500
NODE	5219	-0.41000	0.00000	-1.56500
NODE	5220	-0.37880	-0.15690	-1.56500
NODE	5221	-0.28990	-0.28990	-1.56500
NODE	5222	-0.15690	-0.37880	-1.56500
NODE	5223	0.00000	-0.41000	-1.56500
NODE	5224	0.15690	-0.37880	-1.56500
NODE	5225	0.28990	-0.28990	-1.56500
NODE	5226	0.37880	-0.15690	-1.56500
NODE	5261	0.41000	0.00000	-1.56500

NODE 5313	0.36060	0.36060	-1.56500
NODE 5314	0.19520	0.47120	-1.56500
NODE 5315	0.00000	0.61000	-1.56500
NODE 5316	-0.19520	0.47120	-1.56500
NODE 5317	-0.36060	0.36060	-1.56500
NODE 5318	-0.47120	0.19520	-1.56500
NODE 5319	-0.51000	0.00000	-1.56500
NODE 5320	-0.47120	-0.19520	-1.56500
NODE 5321	-0.36060	-0.36060	-1.56500
NODE 5322	-0.19520	-0.47120	-1.56500
NODE 5323	0.00000	-0.51000	-1.56500
NODE 5324	0.19520	-0.47120	-1.56500
NODE 5325	0.36060	-0.36060	-1.56500
NODE 5326	0.47120	-0.19520	-1.56500
NODE 5361	0.51000	0.00000	-1.56500
NODE 5362	0.47120	0.19520	-1.56500
NODE 5363	0.36060	0.36060	-1.56500
NODE 5364	0.19520	0.47120	-1.56500
NODE 5365	0.00000	0.51000	-1.56500
NODE 5366	-0.19520	0.47120	-1.56500
NODE 5367	-0.36060	0.36060	-1.56500
NODE 5368	-0.47120	0.19520	-1.56500
NODE 5369	-0.51000	0.00000	-1.56500
NODE 5370	-0.47120	-0.19520	-1.56500
NODE 5371	-0.36060	-0.36060	-1.56500
NODE 5372	-0.19520	-0.47120	-1.56500
NODE 5373	0.00000	-0.51000	-1.56500
NODE 5374	0.19520	-0.47120	-1.56500
NODE 5375	0.36060	-0.36060	-1.56500
NODE 5376	0.47120	-0.19520	-1.56500
NODE 5411	0.76000	0.00000	-1.56500
NODE 5412	0.70210	0.26000	-1.56500
NODE 5413	0.53740	0.53740	-1.56500
NODE 5414	0.29080	0.70210	-1.56500
NODE 5415	0.00000	0.76000	-1.56500
NODE 5416	-0.29080	0.70210	-1.56500
NODE 5417	-0.53740	0.53740	-1.56500
NODE 5418	-0.70210	0.26000	-1.56500
NODE 5419	-0.76000	0.00000	-1.56500
NODE 5420	-0.70210	-0.26000	-1.56500
NODE 5421	-0.53740	-0.53740	-1.56500
NODE 5422	-0.29080	-0.70210	-1.56500
NODE 5423	0.00000	-0.76000	-1.56500
NODE 5424	0.29080	-0.70210	-1.56500
NODE 5425	0.53740	-0.53740	-1.56500
NODE 5426	0.70210	-0.26000	-1.56500
NODE 5461	0.76000	0.00000	-1.56500
NODE 5462	0.70210	0.26000	-1.56500
NODE 5463	0.53740	0.53740	-1.56500
NODE 5464	0.29080	0.70210	-1.56500
NODE 5465	0.00000	0.76000	-1.56500
NODE 5466	-0.29080	0.70210	-1.56500
NODE 5467	-0.53740	0.53740	-1.56500
NODE 5468	-0.70210	0.26000	-1.56500
NODE 5469	-0.76000	0.00000	-1.56500
NODE 5470	-0.70210	-0.26000	-1.56500
NODE 5471	-0.53740	-0.53740	-1.56500
NODE 5472	-0.29080	-0.70210	-1.56500
NODE 5473	0.00000	-0.76000	-1.56500
NODE 5474	0.29080	-0.70210	-1.56500
NODE 5475	0.53740	-0.53740	-1.56500
NODE 5476	0.70210	-0.26000	-1.56500
NODE 5511	1.02550	0.00000	-1.56500
NODE 5512	0.87490	0.14240	-1.56500
NODE 5513	0.78490	0.28490	-1.56500
NODE 5514	0.42480	0.92550	-1.56500
NODE 5515	0.00000	1.11000	-1.56500
NODE 5516	-0.42480	0.92550	-1.56500
NODE 5517	-0.78490	0.28490	-1.56500
NODE 5518	-0.87490	0.14240	-1.56500
NODE 5519	-1.02550	0.00000	-1.56500
NODE 5520	-0.92550	-0.42480	-1.56500
NODE 5521	-0.78490	-0.28490	-1.56500
NODE 5522	-0.42480	-0.92550	-1.56500
NODE 5523	0.00000	-1.11000	-1.56500
NODE 5524	0.42480	-0.92550	-1.56500
NODE 5525	0.78490	-0.28490	-1.56500
NODE 5526	0.87490	-0.14240	-1.56500
NODE 5561	1.11000	0.00	

NODE	5573	0.00000	-1.00000	-1.56500
NODE	5574	0.42480	-0.12350	-1.56500
NODE	5575	0.78490	-0.78490	-1.56500
NODE	5576	1.02550	-0.42480	-1.55900
NODE	5581	0.00000	-3.33000	-1.56500
NODE	5582	0.00000	-2.22000	-1.56500
NODE	5583	0.00000	-2.22000	-1.56500
NODE	5589	0.00000	3.33000	-1.56500
NODE	5601	-0.50000	-3.33000	-1.56500
NODE	5602	-0.60000	-2.22000	-1.56500
NODE	5603	-0.60000	-1.11000	-1.56500
NODE	5604	-0.50000	-0.55500	-1.56500
NODE	5605	-0.00000	-2.22000	-1.56500
NODE	5606	-0.50000	0.55500	-1.56500
NODE	5607	-0.50000	1.11000	-1.56500
NODE	5608	-0.50000	2.22000	-1.56500
NODE	5609	-0.50000	3.33000	-1.55900
NODE	5611	-0.50000	-3.33000	-1.56500
NODE	5612	-0.50000	-2.22000	-1.56500
NODE	5613	-0.50000	-1.11000	-1.56500
NODE	5614	-0.50000	-0.55500	-1.56500
NODE	5615	-0.50000	0.00000	-1.56500
NODE	5616	-0.50000	0.55500	-1.56500
NODE	5617	-0.50000	1.11000	-1.55900
NODE	5618	-0.50000	2.22000	-1.56500
NODE	5619	-0.50000	3.33000	-1.56500
NODE	5621	-2.50000	-3.33000	-1.55900
NODE	5622	-2.50000	-2.22000	-1.56500
NODE	5623	-2.50000	-1.11000	-1.56500
NODE	5624	-2.50000	-0.55500	-1.56500
NODE	5625	-0.00000	-2.22000	-1.56500
NODE	5626	-2.50000	0.55500	-1.56500
NODE	5627	-2.50000	1.11000	-1.56500
NODE	5628	-2.50000	2.22000	-1.56500
NODE	5629	-2.50000	3.33000	-1.56500
NODE	5631	-1.11000	-3.33000	-1.66500
NODE	5632	-2.22000	-2.22000	-1.66500
NODE	5633	-1.11000	-2.22000	-1.66500
NODE	5639	-1.11000	3.33000	-1.55900
NODE	5641	-0.55500	-3.33000	-1.56500
NODE	5642	-0.55500	-2.22000	-1.56500
NODE	5643	-0.55500	-2.22000	-1.56500
NODE	5648	-0.55500	3.33000	-1.56500
NODE	5701	6.50000	-3.33000	-1.56500
NODE	5702	6.50000	-2.22000	-1.56500
NODE	5703	6.50000	-1.11000	-1.56500
NODE	5704	6.50000	-0.55500	-1.56500
NODE	5705	6.50000	0.00000	-1.56500
NODE	5706	6.50000	0.55500	-1.56500
NODE	5707	6.50000	1.11000	-1.55900
NODE	5708	6.50000	2.22000	-1.56500
NODE	5709	6.50000	3.33000	-1.56500
NODE	5711	4.00000	-3.33000	-1.56500
NODE	5712	4.00000	-2.22000	-1.56500
NODE	5713	4.00000	-1.11000	-1.56500
NODE	5714	4.00000	-0.55500	-1.56500
NODE	5715	4.00000	0.00000	-1.56500
NODE	5716	4.00000	0.55500	-1.55900
NODE	5717	4.00000	1.11000	-1.56500
NODE	5718	4.00000	2.22000	-1.56500
NODE	5719	4.00000	3.33000	-1.56500
NODE	5721	2.50000	-3.33000	-1.66500
NODE	5722	2.50000	-2.22000	-1.66500
NODE	5723	2.50000	-1.11000	-1.55900
NODE	5724	2.50000	-0.55500	-1.56500
NODE	5725	2.50000	0.00000	-1.56500
NODE	5726	2.50000	0.55500	-1.56500
NODE	5727	2.50000	1.11000	-1.55900
NODE	5728	2.50000	2.22000	-1.56500
NODE	5729	2.50000	3.33000	-1.56500
NODE	5721	1.11000	-3.33000	-1.66500
NODE	5732	1.11000	-2.22000	-1.66500
NODE	5738	1.11000	-2.22000	-1.66500

NODE	6022	-0.08420	-0.20330	-1.06500
NODE	6023	0.00000	-0.22000	-1.06500
NODE	6024	0.08420	-0.20330	-1.06500
NODE	6025	0.15560	-0.15560	-1.06500
NODE	6026	0.20330	-0.08420	-1.06500
NODE	6111	0.31000	0.00000	-1.06500
NODE	6112	0.28640	0.11860	-1.06500
NODE	6113	0.21920	0.21920	-1.06500
NODE	6114	0.11860	0.28640	-1.06500
NODE	6115	0.00000	0.31000	-1.06500
NODE	6116	-0.11860	0.28640	-1.06500
NODE	6117	-0.21920	0.21920	-1.06500
NODE	6118	-0.28640	0.11860	-1.06500
NODE	6119	-0.31000	0.00000	-1.06500
NODE	6120	-0.28640	-0.11860	-1.06500
NODE	6121	-0.21920	-0.21920	-1.06500
NODE	6122	-0.11860	-0.28640	-1.06500
NODE	6123	0.00000	-0.31000	-1.06500
NODE	6124	0.11860	-0.28640	-1.06500
NODE	6125	0.21920	-0.21920	-1.06500
NODE	6126	0.28640	-0.11860	-1.06500
NODE	6211	0.41000	0.00000	-1.06500
NODE	6212	0.37880	0.15590	-1.06500
NODE	6213	0.28990	0.28990	-1.06500
NODE	6214	0.15590	0.37880	-1.06500
NODE	6215	0.00000	0.41000	-1.06500
NODE	6216	-0.15590	0.37880	-1.06500
NODE	6217	-0.28990	0.28990	-1.06500
NODE	6218	-0.37880	0.15590	-1.06500
NODE	6219	-0.41000	0.00000	-1.06500
NODE	6220	-0.37880	-0.15590	-1.06500
NODE	6221	-0.28990	-0.28990	-1.06500
NODE	6222	-0.15590	-0.37880	-1.06500
NODE	6223	0.00000	-0.41000	-1.06500
NODE	6224	0.15590	-0.37880	-1.06500
NODE	6225	0.28990	-0.28990	-1.06500
NODE	6226	0.37880	-0.15590	-1.06500
NODE	6311	0.51000	0.00000	-1.06500
NODE	6312	0.47120	0.19520	-1.06500
NODE	6313	0.36060	0.36060	-1.06500
NODE	6314	0.19520	0.47120	-1.06500
NODE	6315	0.00000	0.51000	-1.06500
NODE	6316	-0.19520	0.47120	-1.06500
NODE	6317	-0.36060	0.36060	-1.06500
NODE	6318	-0.47120	0.19520	-1.06500
NODE	6319	-0.51000	0.00000	-1.06500
NODE	6320	-0.47120	-0.19520	-1.06500
NODE	6321	-0.36060	-0.36060	-1.06500
NODE	6322	-0.19520	-0.47120	-1.06500
NODE	6323	0.36060	-0.51000	-1.06500
NODE	6324	0.19520	-0.47120	-1.06500
NODE	6325	0.36060	-0.36060	-1.06500
NODE	6326	0.47120	-0.19520	-1.06500
NODE	6411	0.76000	0.00000	-1.06500
NODE	6412	0.70210	0.29080	-1.06500
NODE	6413	0.53740	0.53740	-1.06500
NODE	6414	0.29080	0.70210	-1.06500
NODE	6415	0.00000	0.76000	-1.06500
NODE	6416	-0.29080	0.70210	-1.06500
NODE	6417	-0.53740	0.53740	-1.06500
NODE	6418	-0.70210	0.29080	-1.06500
NODE	6419	-0.76000	0.00000	-1.06500
NODE	6420	-0.70210	-0.29080	-1.06500
NODE	6421	-0.53740	-0.53740	-1.06500
NODE	6422	-0.29080	-0.70210	-1.06500
NODE	6423	0.00000	-0.76000	-1.06500
NODE	6424	0.29080	-0.70210	-1.06500
NODE	6425	0.53740	-0.53740	-1.06500
NODE	6426	0.70210	-0.29080	-1.06500
NODE	6511	1.11000	0.00000	-1.06500
NODE	6512	1.02550	0.42480	-1.06500
NODE	6513	0.78490	0.78490	-1.06500
NODE	6514	0.42480	1.02550	-1.06500
NODE	6515	0.00000	1.11000	-1.06500
NODE	6516	-0.42480	1.02550	-1.06500
NODE	6517	-0.78490	0.78490	-1.06500
NODE	6518	-1.02550	0.42480	-1.06500
NODE	6519	-1.11000	0.00000	-1.06500
NODE	6520	-1.02550	-0.42480	-1.06500
NODE	6521	-0.78490	-0.78490	-1.06500
NODE	6522	-0.42480	-1.02550	-1.06500
NODE	6523	0.00000	-1.11000	-1.06500
NODE	6524	0.42480	-1.02550	-1.06500
NODE	6525	0.78490	-0.78490	-1.06500
NODE	6526	1.02550	-0.42480	-1.06500
NODE	6527	1.11000	0.00000	-1.06500
NODE	6528	1.02550	0.42480	-1.06500
NODE	6529	0.78490	0.78490	-1.06500
NODE	6530	0.42480	1.02550	-1.06500
NODE	6531	0.00000	1.11000	-1.06500
NODE	6532	-0.42480	1.02550	-1.06500
NODE	6533	-0.78490	0.78490	-1.06500
NODE	6534	-1.02550	0.42480	-1.06500
NODE	6535	-1.11000	0.00000	-1.06500
NODE	6536	-1.02550	-0.42480	-1.06500
NODE	6537	-0.78490	-0.78490	-1.06500
NODE	6538	-0.42480	-1.02550	-1.06500
NODE	6539	0.00000	-1.11000	-1.06500
NODE	6540	0.42480	-1.02550	-1.06500
NODE	6541	0.78490	-0.78490	-1.06500
NODE	6542	1.02550	-0.42480	-1.06500
NODE	6543	1.11000	0.00000	-1.06500
NODE	6544	1.02550	0.42480	-1.06500
NODE	6545	0.78490	0.78490	-1.06500
NODE	6546	0.42480	1.02550	-1.06500
NODE	6547	0.00000	1.11000	-1.06500
NODE	6548	-0.42480	1.02550	-1.06500
NODE	6549	-0.78490	0.78490	-1.06500
NODE	6550	-1.02550	0.42480	-1.06500
NODE	6551	-1.11000	0.00000	-1.06500
NODE	6552	-1.02550	-0.42480	-1.06500
NODE	6553	-0.78490	-0.78490	-1.06500
NODE	6554	-0.42480	-1.02550	-1.06500
NODE	6555	0.00000	-1.11000	-1.06500

NODE	6556	-0.42480	1.02550	-1.06500
NODE	6557	-0.78490	0.78490	-1.06500
NODE	6558	-1.02550	0.42480	-1.06500
NODE	6559	-1.11000	0.00000	-1.06500
NODE	6560	-1.02550	-0.42480	-1.06500
NODE	6571	-0.78490	-0.78490	-1.06500
NODE	6572	-0.42480	-1.02550	-1.06500
NODE	6573	0.00000	-1.11000	-1.06500
NODE	6574	0.42480	-1.02550	-1.06500
NODE	6575	0.78490	-0.78490	-1.06500
NODE	6576	1.02550	-0.42480	-1.06500
NODE	6591	0.00000	-1.11000	-1.06500
NODE	6592	0.00000	-2.22000	-1.06500
NODE	6598	0.00000	2.22000	-1.06500
NODE	6599	0.00000	3.33000	-1.06500
NODE	6601	-6.50000	-3.33000	-1.06500
NODE	6602	-6.50000	-2.22000	-1.06500
NODE	6603	-6.50000	-1.11000	-1.06500
NODE	6604	-6.50000	-0.55500	-1.06500
NODE	6605	-6.50000	0.00000	-1.06500
NODE	6606	-6.50000	0.55500	-1.06500
NODE	6607	-6.50000	1.11000	-1.06500
NODE	6608	-6.50000	2.22000	-1.06500
NODE	6609	-6.50000	3.33000	-1.06500
NODE	6611	-4.50000	-3.33000	-1.06500
NODE	6612	-4.50000	-2.22000	-1.06500
NODE	6613	-4.50000	-1.11000	-1.06500
NODE	6614	-4.50000	-0.55500	-1.06500
NODE	6615	-4.50000	0.00000	-1.06500
NODE	6616	-4.50000	0.55500	-1.06500
NODE	6617	-4.50000	1.11000	-1.06500
NODE	6618	-4.50000	2.22000	-1.06500
NODE	6619	-4.50000	3.33000	-1.06500
NODE	6621	-2.50000	-3.33000	-1.06500
NODE	6622	-2.50000	-2.22000	-1.06500
NODE	6623	-2.50000	-1.11000	-1.06500
NODE	6624	-2.50000	-0.55500	-1.06500
NODE	6625	-2.50000	0.00000	-1.06500
NODE	6626	-2.50000	0.55500	-1.06500
NODE	6627	-2.50000	1.11000	-1.06500
NODE	6628	-2.50000	2.22000	-1.06500
NODE	6629	-2.50000	3.33000	-1.06500
NODE	6631	-1.11000	-3.33000	-1.06500
NODE	6632	-1.11000	-2.22000	-1.06500
NODE	6638	-1.11000	-2.22000	-1.06500
NODE	6639	-1.11000	-3.33000	-1.06500
NODE	6641	-0.55500	-3.33000	-1.06500
NODE	6642	-0.55500	-2.22000	-1.06500
NODE	6648	-0.55500	-2.22000	-1.06500
NODE	6649	-0.55500	-3.33000	-1.06500
NODE	6701	6.50000	-3.33000	-1.06500
NODE	6702	6.50000	-2.22000	-1.06500
NODE	6703	6.50000	-1.11000	-1.06500
NODE	6704	6.50000	-0.55500	-1.06500
NODE	6705	6.50000	0.00000	-1.06500
NODE	6706	6.50000	0.55500	-1.06500
NODE	6707	6.50000	1.11000	-1.06500
NODE	6708	6.50000	2.22000	-1.06500
NODE	6709	6.50000	3.33000	-1.06500
NODE	6711	4.50000	-3.33000	-1.06500
NODE	6712	4.50000	-2.22000	-1.06500
NODE	6713	4.50000	-1.11000	-1.06500
NODE	6714	4.50000	-0.55500	-1.06500
NODE	6715	4.50000	0.00000	-1.06500
NODE	6716	4.50000	0.55500	-1.06500
NODE	6717	4.50000	1.11000	-1.06500
NODE	6718	4.50000	2.22000	-1.06500
NODE	6719	4.50000	3.33000	-1.06500
NODE	6721	2.50000	-3.33000	-1.06500
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NODE	6723	2.50000	-1.11000	-1.06500
NODE	6724	2.50000	-0.55500	-1.06500
NODE	6725	2.50000	0.00000	-1.06500
NODE	6726	2.50000	0.55500	-1.06500
NODE	6727	2.50000	1.11000	-1.06500
NODE	6728	2.50000	2.22000	-1.06500
NODE	6729	2.50000	3.33000	-1.06500
NODE	6731	1.11000	-3.33000	-1.06500
NODE	6732	1.11000	-2.22000	-1.06500
NODE	6738	1.11000	-2.22000	-1.06500
NODE	6739	1.11000	-3.33000	-1.06500
NODE	6741	0.55500	-3.33000	-1.06500
NODE	6742	0.55500	-2.22000	-1.06500
NODE	6748	0.55500	-2.22000	-1.06500
NODE	6749	0.55500	-3.33000	-1.06500
NODE	7010	0.00000	0.00000	-0.86500
NODE	7011	0.22000	0.00000	-0.86500
NODE	7012	0.20330	0.08420	-0.86500
NODE	7013	0.15560	0.15560	-0.86500
NODE	7014	0.08420	0.20330	-0.86500

NODE	7015	0.00000	0.22000	-0.86500
NODE	7016	-0.08420	0.20330	-0.86500
NODE	7017	-0.15560	0.15560	-0.86500
NODE	7018	-0.20330	0.08420	-0.86500
NODE	7019	-0.22000	0.00000	-0.86500
NODE	7020	-0.20330	-0.08420	-0.86500
NODE	7021	-0.15560	-0.15560	-0.86500
NODE	7022	-0.08420	-0.20330	-0.86500
NODE	7023	0.00000	-0.22000	-0.86500
NODE	7024	0.08420	-0.20330	-0.86500
NODE	7025	0.15560	-0.15560	-0.86500
NODE	7026	0.20330	-0.08420	-0.86500
NODE	7027	0.22000	0.00000	-0.86500
NODE	7051	0.22000	0.00000	-0.86500
NODE	7052	0.20330	0.08420	-0.86500
NODE	7063	0.15560	0.15560	-0.86500
NODE	7064	0.08420	0.20330	-0.86500
NODE	7065	0.00000	0.22000	-0.86500
NODE	7066	-0.08420	0.20330	-0.86500
NODE	7067	-0.15560		

NODE	7622	-2.50000	-2.22000	-0.85000
NODE	7623	-2.50000	-1.11000	-0.85000
NODE	7624	-2.50000	-0.55000	-0.85000
NODE	7625	-2.50000	0.00000	-0.85000
NODE	7626	-2.50000	0.55000	-0.85000
NODE	7627	-2.50000	1.11000	-0.85000
NODE	7628	-2.50000	2.22000	-0.85000
NODE	7629	-2.50000	3.33000	-0.85000
NODE	7631	-1.11000	-3.33000	-0.85000
NODE	7632	-1.11000	-2.22000	-0.85000
NODE	7633	-1.11000	-2.22000	-0.85000
NODE	7639	-1.11000	-3.33000	-0.85000
NODE	7641	-0.55000	-3.33000	-0.85000
NODE	7642	-0.55000	-2.22000	-0.85000
NODE	7648	-0.55000	-2.22000	-0.85000
NODE	7649	-0.55000	-3.33000	-0.85000
NODE	7701	6.50000	-3.33000	-0.85000
NODE	7702	6.50000	-2.22000	-0.85000
NODE	7703	6.50000	-1.11000	-0.85000
NODE	7704	6.50000	-0.55000	-0.85000
NODE	7705	6.50000	0.00000	-0.85000
NODE	7706	6.50000	0.55000	-0.85000
NODE	7707	6.50000	1.11000	-0.85000
NODE	7708	6.50000	2.22000	-0.85000
NODE	7709	6.50000	3.33000	-0.85000
NODE	7710	4.50000	-3.33000	-0.85000
NODE	7712	4.50000	-2.22000	-0.85000
NODE	7713	4.50000	-1.11000	-0.85000
NODE	7714	4.50000	-0.55000	-0.85000
NODE	7715	4.50000	0.00000	-0.85000
NODE	7716	4.50000	0.55000	-0.85000
NODE	7717	4.50000	1.11000	-0.85000
NODE	7718	4.50000	2.22000	-0.85000
NODE	7719	4.50000	3.33000	-0.85000
NODE	7721	2.50000	-3.33000	-0.85000
NODE	7722	2.50000	-2.22000	-0.85000
NODE	7723	2.50000	-1.11000	-0.85000
NODE	7724	2.50000	-0.55000	-0.85000
NODE	7725	2.50000	0.00000	-0.85000
NODE	7726	2.50000	0.55000	-0.85000
NODE	7727	2.50000	1.11000	-0.85000
NODE	7728	2.50000	2.22000	-0.85000
NODE	7729	2.50000	3.33000	-0.85000
NODE	7730	1.11000	-3.33000	-0.85000
NODE	7732	1.11000	-2.22000	-0.85000
NODE	7738	1.11000	-2.22000	-0.85000
NODE	7739	1.11000	-3.33000	-0.85000
NODE	7741	0.55000	-3.33000	-0.85000
NODE	7742	0.55000	-2.22000	-0.85000
NODE	7746	0.55000	-2.22000	-0.85000
NODE	7747	0.55000	-3.33000	-0.85000
NODE	8010	0.00000	0.00000	-0.85000
NODE	8011	0.20000	0.00000	-0.85000
NODE	8012	0.20000	0.04200	-0.85000
NODE	8013	0.04600	0.15300	-0.85000
NODE	8014	0.15800	0.20000	-0.85000
NODE	8015	0.00000	0.20000	-0.85000
NODE	8016	-0.04200	0.20000	-0.85000
NODE	8017	-0.15800	0.15600	-0.85000
NODE	8018	-0.20000	0.04200	-0.85000
NODE	8019	-0.20000	0.00000	-0.85000
NODE	8020	-0.15300	-0.04200	-0.85000
NODE	8021	-0.00000	-0.15600	-0.85000
NODE	8022	-0.04200	-0.15600	-0.85000
NODE	8023	0.00000	-0.20000	-0.85000
NODE	8024	0.04600	-0.20000	-0.85000
NODE	8025	0.15500	-0.15600	-0.85000
NODE	8026	0.20000	-0.04200	-0.85000
NODE	8111	0.11800	0.00000	-0.85000
NODE	8112	0.11800	0.11800	-0.85000
NODE	8113	0.21900	0.21900	-0.85000
NODE	8114	0.11800	0.28600	-0.85000
NODE	8115	0.00000	0.31000	-0.85000

NODE	8217	-0.28950	0.28990	-0.67500
NODE	8218	-0.37880	0.15690	-0.67500
NODE	8219	-0.41600	0.99390	-0.67500
NODE	8220	-0.15690	-0.28950	-0.67500
NODE	8221	-0.28939	-0.37880	-0.67500
NODE	8222	-0.15699	-0.28980	-0.67500
NODE	8223	0.00900	-0.41000	-0.67500
NODE	8224	0.15690	-0.37850	-0.67500
NODE	8225	0.28990	-0.28950	-0.67500
NODE	8226	-0.15690	-0.67500	-0.67500
NODE	8261	0.41000	0.00900	-0.67500
NODE	8262	0.37880	0.15690	-0.67500
NODE	8263	0.28990	0.28950	-0.67500
NODE	8264	0.15650	0.37880	-0.67500
NODE	8265	0.00900	0.41000	-0.67500
NODE	8266	0.37880	0.15690	-0.67500
NODE	8267	-0.28950	0.28990	-0.67500
NODE	8268	-0.37850	0.15690	-0.67500
NODE	8269	-0.41000	0.00900	-0.67500
NODE	8270	-0.37880	-0.15690	-0.67500
NODE	8271	-0.28990	-0.28950	-0.67500
NODE	8272	-0.15690	-0.37880	-0.67500
NODE	8273	0.00900	-0.41000	-0.67500
NODE	8274	0.15690	-0.37880	-0.67500
NODE	8275	0.28990	-0.28950	-0.67500
NODE	8276	0.37880	-0.15690	-0.67500
NODE	8311	0.51000	0.60000	-0.67500
NODE	8312	-0.15690	-0.37880	-0.67500
NODE	8313	0.37880	0.15690	-0.67500
NODE	8314	0.15620	0.47120	-0.67500
NODE	8315	0.00000	0.51000	-0.67500
NODE	8316	-0.15620	0.47120	-0.67500
NODE	8317	-0.36050	0.36050	-0.67500
NODE	8318	-0.15690	-0.37880	-0.67500
NODE	8319	-0.51000	0.60000	-0.67500
NODE	8320	-0.47120	-0.15620	-0.67500
NODE	8321	-0.36050	-0.36050	-0.67500
NODE	8322	-0.15620	-0.47120	-0.67500
NODE	8323	0.00000	-0.51000	-0.67500
NODE	8324	0.15620	-0.47120	-0.67500
NODE	8325	0.36050	-0.36050	-0.67500
NODE	8326	0.47120	-0.15620	-0.67500
NODE	8411	0.76090	0.00000	-0.67500
NODE	8412	0.70210	0.29080	-0.67500
NODE	8413	0.53740	0.53740	-0.67500
NODE	8414	0.29080	0.70210	-0.67500
NODE	8415	0.00000	0.76090	-0.67500
NODE	8416	-0.29080	0.70210	-0.67500
NODE	8417	-0.53740	0.53740	-0.67500
NODE	8418	-0.70210	0.29080	-0.67500
NODE	8419	-0.76090	0.00000	-0.67500
NODE	8420	-0.70210	-0.29080	-0.67500
NODE	8421	-0.53740	-0.53740	-0.67500
NODE	8422	-0.29080	-0.70210	-0.67500
NODE	8423	0.00000	-0.76090	-0.67500
NODE	8424	0.29080	-0.70210	-0.67500
NODE	8425	0.53740	-0.53740	-0.67500
NODE	8426	0.70210	-0.29080	-0.67500
NODE	8511	0.00000	0.00000	-0.67500
NODE	8512	0.10250	0.42480	-0.67500
NODE	8513	0.78490	0.78490	-0.67500
NODE	8514	0.42480	0.10250	-0.67500
NODE	8515	0.00000	0.11000	-0.67500
NODE	8516	-0.42480	0.10250	-0.67500
NODE	8517	-0.78490	0.78490	-0.67500
NODE	8518	-0.10250	0.42480	-0.67500
NODE	8519	-0.11000	0.00000	-0.67500
NODE	8520	-0.10250	-0.42480	-0.67500
NODE	8521	-0.78490	-0.78490	-0.67500
NODE	8522	-0.42480	-0.10250	-0.67500
NODE	8523	0.00000	-0.11000	-0.67500
NODE	8524	0.10250	-0.42480	-0.67500
NODE	8525	0.78490	-0.78490	-0.67500

NODE	8591	0.00000	-3.33000	-0.67500
NODE	8592	0.00000	-2.22000	-0.67500
NODE	8598	0.00000	2.22000	-0.67500
NODE	8599	0.00000	3.33000	-0.67500
NODE	8601	-6.50000	-3.33000	-0.67500
NODE	8602	-6.50000	-2.22000	-0.67500
NODE	8603	-6.50000	-1.11000	-0.67500
NODE	8604	-6.50000	0.00000	-0.67500
NODE	8605	-6.50000	0.00000	-0.67500
NODE	8606	-6.50000	0.55500	-0.67500
NODE	8607	-6.50000	1.11000	-0.67500
NODE	8608	-6.50000	2.22000	-0.67500
NODE	8609	-6.50000	3.33000	-0.67500
NODE	8611	-4.50000	-3.33000	-0.67500
NODE	8612	-4.50000	-2.22000	-0.67500
NODE	8613	-4.50000	-1.11000	-0.67500
NODE	8614	-4.50000	0.00000	-0.67500
NODE	8615	-4.50000	0.55500	-0.67500
NODE	8616	-4.50000	1.11000	-0.67500
NODE	8617	-4.50000	2.22000	-0.67500
NODE	8618	-4.50000	3.33000	-0.67500
NODE	8619	-2.50000	-3.33000	-0.67500
NODE	8621	-2.50000	-2.22000	-0.67500
NODE	8622	-2.50000	-1.11000	-0.67500
NODE	8623	-2.50000	0.00000	-0.67500
NODE	8624	-2.50000	0.55500	-0.67500
NODE	8625	-2.50000	1.11000	-0.67500
NODE	8626	-2.50000	2.22000	-0.67500
NODE	8627	-2.50000	3.33000	-0.67500
NODE	8628	-2.50000	3.33000	-0.67500
NODE	8629	-2.50000	3.33000	-0.67500
NODE	8631	-1.11000	-3.33000	-0.67500
NODE	8632	-1.11000	-2.22000	-0.67500
NODE	8638	-1.11000	2.22000	-0.67500
NODE	8639	-1.11000	3.33000	-0.67500
NODE	8641	-0.55500	-3.33000	-0.67500
NODE	8642	-0.55500	-2.22000	-0.67500
NODE	8648	-0.55500	2.22000	-0.67500
NODE	8649	-0.55500	3.33000	-0.67500
NODE	8701	6.50000	-3.33000	-0.67500
NODE	8702	6.50000	-2.22000	-0.67500
NODE	8703	6.50000	-1.11000	-0.67500
NODE	8704	6.50000	0.00000	-0.67500
NODE	8705	6.50000	0.00000	-0.67500
NODE	8706	6.50000	0.55500	-0.67500
NODE	8707	6.50000	1.11000	-0.67500
NODE	8708	6.50000	2.22000	-0.67500
NODE	8709	6.50000	3.33000	-0.67500
NODE	8711	4.50000	-3.33000	-0.67500
NODE	8712	4.50000	-2.22000	-0.67500
NODE	8713	4.50000	-1.11000	-0.67500
NODE	8714	4.50000	0.00000	-0.67500
NODE	8715	4.50000	0.00000	-0.67500
NODE	8716	4.50000	0.55500	-0.67500
NODE	8717	4.50000	1.11000	-0.67500
NODE	8718	4.50000	2.22000	-0.67500
NODE	8719	4.50000	3.33000	-0.67500
NODE	8721	2.50000	-3.33000	-0.67500
NODE	8722	2.50000	-2.22000	-0.67500
NODE	8723	2.50000	-1.11000	-0.67500
NODE	8724	2.50000	0.00000	-0.67500
NODE	8725	2.50000	0.00000	-0.67500
NODE	8726	2.50000	0.55500	-0.67500
NODE	8727	2.50000	1.11000	-0.67500
NODE	8728	2.50000	2.22000	-0.67500
NODE	8729	2.50000	3.33000	-0.67500
NODE	8731	1.11000	-3.33000	-0.67500
NODE	8732	1.11000	-2.22000	-0.67500
NODE	8738	1.11000	2.22000	-0.67500
NODE	8739	1.11000	3.33000	-0.67500
NODE	8741	0.55500	-3.33000	-0.67500
NODE	8742	0.55500	-2.22000	-0.67500
NODE	8748	0.55500	2.22000	-0.67500
NODE	8749	0.55500	3.33000	-0.67500
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NODE	9011	0.22000	0.00000	0.00000
NODE	9012	0.20330	0.08420	0.00000
NODE	9013	0.15560	0.15560	0.00000
NODE	9014	0.08420	0.20330	0.00000
NODE	9015	0.00000	0.22000	0.00000
NODE	9016	-0.08420	0.20330	0.00000
NODE	9017	-0.15560	0.15560	0.00000
NODE	9018	-0.20330	0.08420	0.00000
NODE	9019	-0.22000	0.00000	0.00000
NODE	9020	-0.20330	-0.08420	0.00000
NODE	9021	-0.15560	-0.15560	0.00000
NODE	9022	-0.08420	-0.20330	0.00000
NODE	9023	0.00000	-0.22000	0.00000
NODE	9024	0.08420	-0.20330	0.00000
NODE	9025	0.15560	-0.15560	0.00000

NODE	9026	0.20330	-0.08420	0.00000
NODE	9111	0.31000	0.00000	0.00000
NODE	9112	0.28640	0.11860	0.00000
NODE	9113	0.21920	0.21920	0.00000
NODE	9114	0.1860	0.28640	0.00000
NODE	9115	0.00000	0.31000	0.00000
NODE	9116	-0.11860	0.28640	0.00000
NODE	9117	-0.21920	0.21920	0.00000
NODE	9118	-0.28640	0.11860	0.00000
NODE	9119	-0.31000	0.00000	0.00000
NODE	9120	-0.28640	-0.11860	0.00000
NODE	9121	-0.21920	-0.21920	0.00000
NODE	9122	-0.11860	-0.28640	0.00000
NODE	9123	0.00000	-0.31000	0.00000
NODE	9124	0.11860	-0.28640	0.00000
NODE	9125	0.21920	-0.21920	0.00000
NODE	9126	0.28640	-0.11860	0.00000
NODE	9211	0.41000	0.00000	0.00000
NODE	9212	0.37880	0.15690	0.00000
NODE	9213	0.28990	0.28990	0.00000
NODE	9214	0.15690	0.37880	0.00000
NODE	9215	0.00000	0.41000	0.00000
NODE	9216	-0.15690	0.37880	0.00000
NODE	9217	-0.28990	0.28990	0.00000
NODE	9218	-0.37880	0.15690	0.00000
NODE	9219	-0.41000	0.00000	0.00000
NODE	9220	-0.37880	-0.15690	0.00000
NODE	9221	-0.28990	-0.28990	0.00000
NODE	9222	-0.15690	-0.37880	0.00000
NODE	9223	0.00000	-0.41000	0.00000
NODE	9224	0.15690	-0.37880	0.00000
NODE	9225	0.28990	-0.28990	0.00000
NODE	9226	0.37880	-0.15690	0.00000
NODE	9261	0.41000	0.00000	0.00000
NODE	9262	0.37880	0.15690	0.00000
NODE	9263	0.28990	0.28990	0.00000
NODE	9264	0.15690	0.37880	0.00000
NODE	9265	0.00000	0.41000	0.00000
NODE	9266	-0.15690	0.37880	0.00000
NODE	9267	-0.28990	0.28990	0.00000
NODE	9268	-0.37880	0.15690	0.00000
NODE	9269	-0.41000	0.00000	0.00000
NODE	9270	-0.37880	-0.15690	0.00000
NODE	9271	-0.28990	-0.28990	0.00000
NODE	9272	-0.15690	-0.37880	0.00000
NODE	9273	0.00000	-0.41000	0.00000
NODE	9274	0.15690	-0.37880	0.00000
NODE	9275	0.28990	-0.28990	0.00000
NODE	9276	0.37880	-0.15690	0.00000
NODE	9311	0.51000	0.00000	0.00000
NODE	9312	0.47120	0.19520	0.00000
NODE	9313	0.36060	0.36060	0.00000
NODE	9314	0.19520	0.47120	0.00000
NODE	9315	0.00000	0.51000	0.00000
NODE	9316	-0.19520	0.47120	0.00000
NODE	9317	-0.36060	0.36060	0.00000
NODE	9318	-0.47120	0.19520	0.00000
NODE	9319	-0.51000	0.00000	0.00000
NODE	9320	-0.47120	-0.19520	0.00000
NODE	9321	-0.36060	-0.36060	0.00000
NODE	9322	-0.19520	-0.47120	0.00000
NODE	9323	0.00000	-0.51000	0.00000
NODE	9324	0.19520	-0.47120	0.00000
NODE	9325	0.36060	-0.36060	0.00000
NODE	9326	0.47120	-0.19520	0.00000
NODE	9411	0.76000	0.00000	0.00000
NODE	9412	0.70210	0.29080	0.00000
NODE	9413	0.53740	0.53740	0.00000
NODE	9414	0.29080	0.70210	0.00000
NODE	9415	0.00000	0.76000	0.00000
NODE	9416	-0.29080	0.70210	0.00000
NODE	9417	-0.53740	0.53740	0.00000
NODE	9418	-0.70210	0.29080	0.00000
NODE	9419	-0.76000	0.00000	0.00000
NODE	9420	-0.70210	-0.29080	0.00000
NODE	9421	-0.53740	-0.53740	0.00000
NODE	9422	-0.29080	-0.70210	0.00000
NODE	9423	0.00000	-0.76000	0.00000
NODE	9424	0.29080	-0.70210	0.00000
NODE	9425	0.53740	-0.53740	0.00000
NODE	9426	0.70210	-0.29080	0.00000
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NODE	9512	1.02550	0.42480	0.00000
NODE	9513	0.78490	0.78490	0.00000
NODE	9514	0.42480	1.02550	0.00000
NODE	9515	0.00000	1.11000	0.00000
NODE	9516	-0.42480	1.02550	0.00000
NODE	9517	-0.78490	0.78490	0.00000
NODE	9518	-1.02550	0.42480	0.00000
NODE	9519	-1.11000	0.00000	0.00000

NODE	9620	-1.02550	-0.42480	0.00000
NODE	9621	-0.78490	-0.78490	0.00000
NODE	9622	-0.42480	-1.02550	0.00000
NODE	9623	0.00000	-1.11000	0.00000
NODE	9624	0.42480	-1.02550	0.00000
NODE	9625	0.78490	-0.78490	0.00000
NODE	9626	1.02550	-0.42480	0.00000
NODE	9661	1.11000	0.00000	0.00000
NODE	9662	1.02550	0.42480	0.00000
NODE	9663	0.78490	0.78490	0.00000
NODE	9664	0.42480	1.02550	0.00000
NODE	9665	0.00000	1.11000	0.00000
NODE	9666	-0.42480	1.02550	0.00000
NODE	9667	-0.78490	0.78490	0.00000
NODE	9668	-1.02550	0.42480	0.00000
NODE	9669	-1.11000	0.00000	0.00000
NODE	9570	-1.02550	-0.42480	0.00000
NODE	9571	-0.78490	-0.78490	0.00000
NODE	9572	-0.42480	-1.02550	0.00000
NODE	9573	0.00000	-1.11000	0.00000
NODE	9574	0.42480	-1.02550	0.00000
NODE	9575	0.78490	-0.78490	0.00000
NODE	9576	1.02550	-0.42480	0.00000
NODE	9591	0.00000	-3.33000	0.00000
NODE	9592	0.00000	-2.22000	0.00000
NODE	9598	0.00000	2.22000	0.00000
NODE	9599	0.00000	3.33000	0.00000
NODE	9601	-6.50000	-3.33000	0.00000
NODE	9602	-6.50000	-2.22000	0.00000
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NODE	9605	-6.50000	0.00000	0.00000
NODE	9606	-6.50000	0.55500	0.00000
NODE	9607	-6.50000	1.11000	0.00000
NODE	9608	-6.50000	2.22000	0.00000
NODE	9609	-6.50000	3.33000	0.00000
NODE	9611	-4.50000	-3.33000	0.00000
NODE	9612	-4.50000	-2.22000	0.00000
NODE	9613	-4.50000	-1.11000	0.00000
NODE	9614	-4.50000	0.00000	0.00000
NODE	9615	-4.50000	0.55500	0.00000
NODE	9616	-4.50000	1.11000	0.00000
NODE	9617	-4.50000	2.22000	0.00000
NODE	9618	-4.50000		

NODE	9732	1.11000	-2.22000	0.00000
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NODE	9739	1.11000	3.33000	0.00000
NODE	9741	0.55500	-3.33000	0.00000
NODE	9742	0.55500	-2.22000	0.00000
NODE	9748	0.55500	2.22000	0.00000
NODE	9749	0.55500	3.33000	0.00000
NODE	10010	0.00000	0.00000	0.75000
NODE	10011	0.22000	0.00000	0.75000
NODE	10012	0.20330	0.08420	0.75000
NODE	10013	0.15560	0.15560	0.75000
NODE	10014	0.08420	0.20330	0.75000
NODE	10015	0.00000	0.22000	0.75000
NODE	10016	-0.08420	0.20330	0.75000
NODE	10017	-0.15560	0.15560	0.75000
NODE	10018	-0.20330	0.08420	0.75000
NODE	10019	-0.22000	0.00000	0.75000
NODE	10020	-0.20330	-0.08420	0.75000
NODE	10021	-0.15560	-0.15560	0.75000
NODE	10022	-0.08420	-0.20330	0.75000
NODE	10023	0.00000	-0.22000	0.75000
NODE	10024	0.08420	-0.20330	0.75000
NODE	10025	0.15560	-0.15560	0.75000
NODE	10026	0.20330	-0.08420	0.75000
NODE	10111	0.31000	0.00000	0.75000
NODE	10112	0.28640	0.11860	0.75000
NODE	10113	0.21920	0.21920	0.75000
NODE	10114	0.11860	0.28640	0.75000
NODE	10115	0.00000	0.31000	0.75000
NODE	10116	-0.11860	0.28640	0.75000
NODE	10117	-0.21920	0.21920	0.75000
NODE	10118	-0.28640	0.11860	0.75000
NODE	10119	-0.31000	0.00000	0.75000
NODE	10120	-0.28640	-0.11860	0.75000
NODE	10121	-0.21920	-0.21920	0.75000
NODE	10122	-0.11860	-0.28640	0.75000
NODE	10123	0.00000	-0.31000	0.75000
NODE	10124	0.11860	-0.28640	0.75000
NODE	10125	0.21920	-0.21920	0.75000
NODE	10126	0.28640	-0.11860	0.75000
NODE	10211	0.41000	0.00000	0.75000
NODE	10212	0.37880	0.15690	0.75000
NODE	10213	0.28990	0.28990	0.75000
NODE	10214	0.15690	0.37880	0.75000
NODE	10215	0.00000	0.41000	0.75000
NODE	10216	-0.15690	0.37880	0.75000
NODE	10217	-0.28990	0.28990	0.75000
NODE	10218	-0.37880	0.15690	0.75000
NODE	10219	-0.41000	0.00000	0.75000
NODE	10220	-0.37880	-0.15690	0.75000
NODE	10221	-0.28990	-0.28990	0.75000
NODE	10222	-0.15690	-0.37880	0.75000
NODE	10223	0.00000	-0.41000	0.75000
NODE	10224	0.15690	-0.37880	0.75000
NODE	10225	0.28990	-0.28990	0.75000
NODE	10226	0.37880	-0.15690	0.75000
NODE	10262	0.41000	0.00000	0.75000
NODE	10263	0.37880	0.15690	0.75000
NODE	10264	0.28990	0.28990	0.75000
NODE	10265	0.15690	0.37880	0.75000
NODE	10266	-0.15690	0.37880	0.75000
NODE	10267	-0.28990	0.28990	0.75000
NODE	10268	-0.37880	0.15690	0.75000
NODE	10269	-0.41000	0.00000	0.75000
NODE	10270	-0.37880	-0.15690	0.75000
NODE	10271	-0.28990	-0.28990	0.75000
NODE	10272	-0.15690	-0.37880	0.75000
NODE	10273	0.00000	-0.41000	0.75000
NODE	10274	0.15690	-0.37880	0.75000
NODE	10275	0.28990	-0.28990	0.75000
NODE	10276	0.37880	-0.15690	0.75000
NODE	10311	0.51000	0.00000	0.75000
NODE	10312	0.47120	0.19520	0.75000
NODE	10313	0.36060	0.36060	0.75000
NODE	10314	0.19520	0.47120	0.75000
NODE	10315	0.00000	0.51000	0.75000
NODE	10316	-0.19520	0.47120	0.75000
NODE	10317	-0.36060	0.36060	0.75000
NODE	10318	-0.47120	0.19520	0.75000
NODE	10319	-0.51000	0.00000	0.75000
NODE	10320	-0.47120	-0.19520	0.75000
NODE	10321	-0.36060	-0.36060	0.75000
NODE	10322	-0.19520	-0.47120	0.75000
NODE	10323	0.00000	-0.51000	0.75000
NODE	10324	0.19520	-0.47120	0.75000
NODE	10325	0.36060	-0.36060	0.75000
NODE	10326	0.47120	-0.19520	0.75000
NODE	10411	0.75000	0.00000	0.75000
NODE	10412	0.70210	0.29080	0.75000

NODE	10413	0.53740	0.53740	0.75000
NODE	10414	0.29080	0.70210	0.75000
NODE	10415	0.00000	0.75000	0.75000
NODE	10416	-0.29080	0.70210	0.75000
NODE	10417	-0.53740	0.53740	0.75000
NODE	10418	-0.70210	0.29080	0.75000
NODE	10419	-0.75000	0.00000	0.75000
NODE	10420	-0.70210	-0.29080	0.75000
NODE	10421	-0.53740	-0.53740	0.75000
NODE	10422	-0.29080	-0.70210	0.75000
NODE	10423	0.00000	-0.75000	0.75000
NODE	10424	0.29080	-0.70210	0.75000
NODE	10425	0.53740	-0.53740	0.75000
NODE	10426	0.70210	-0.29080	0.75000
NODE	10511	1.11000	0.00000	0.75000
NODE	10512	1.02550	0.42480	0.75000
NODE	10513	0.78490	0.78490	0.75000
NODE	10514	0.42480	1.02550	0.75000
NODE	10515	0.00000	1.11000	0.75000
NODE	10516	-0.42480	1.02550	0.75000
NODE	10517	-0.78490	0.78490	0.75000
NODE	10518	-1.02550	0.42480	0.75000
NODE	10519	-1.11000	0.00000	0.75000
NODE	10520	-1.02550	-0.42480	0.75000
NODE	10521	-0.78490	-0.78490	0.75000
NODE	10522	-0.42480	-1.02550	0.75000
NODE	10523	0.00000	-1.11000	0.75000
NODE	10524	0.42480	-1.02550	0.75000
NODE	10525	0.78490	-0.78490	0.75000
NODE	10526	1.02550	-0.42480	0.75000
NODE	10561	1.11000	0.00000	0.75000
NODE	10562	1.02550	0.42480	0.75000
NODE	10563	0.78490	0.78490	0.75000
NODE	10564	0.42480	1.02550	0.75000
NODE	10565	0.00000	1.11000	0.75000
NODE	10566	-0.42480	1.02550	0.75000
NODE	10567	-0.78490	0.78490	0.75000
NODE	10568	-1.02550	0.42480	0.75000
NODE	10569	-1.11000	0.00000	0.75000
NODE	10570	-1.02550	-0.42480	0.75000
NODE	10571	-0.78490	-0.78490	0.75000
NODE	10572	-0.42480	-1.02550	0.75000
NODE	10573	0.00000	-1.11000	0.75000
NODE	10574	0.42480	-1.02550	0.75000
NODE	10575	0.78490	-0.78490	0.75000
NODE	10576	1.02550	-0.42480	0.75000
NODE	10591	0.00000	-3.33000	0.75000
NODE	10592	0.00000	-2.22000	0.75000
NODE	10593	0.00000	-2.22000	0.75000
NODE	10594	0.00000	-3.33000	0.75000
NODE	10595	-6.50000	-3.33000	0.75000
NODE	10596	-6.50000	-2.22000	0.75000
NODE	10603	-6.50000	-1.11000	0.75000
NODE	10604	-6.50000	-0.00000	0.75000
NODE	10605	-6.50000	0.00000	0.75000
NODE	10606	-6.50000	0.00000	0.75000
NODE	10607	-6.50000	1.11000	0.75000
NODE	10608	-6.50000	2.22000	0.75000
NODE	10609	-6.50000	3.33000	0.75000
NODE	10610	-4.50000	-3.33000	0.75000
NODE	10611	-4.50000	-2.22000	0.75000
NODE	10612	-4.50000	-1.11000	0.75000
NODE	10613	-4.50000	0.00000	0.75000
NODE	10614	-4.50000	0.00000	0.75000
NODE	10615	-4.50000	0.00000	0.75000
NODE	10616	-4.50000	0.00000	0.75000
NODE	10617	-4.50000	0.00000	0.75000
NODE	10618	-4.50000	0.00000	0.75000
NODE	10619	-4.50000	0.00000	0.75000
NODE	10621	-2.50000	-3.33000	0.75000
NODE	10622	-2.50000	-2.22000	0.75000
NODE	10623	-2.50000	-1.11000	0.75000
NODE	10624	-2.50000	-0.00000	0.75000
NODE	10625	-2.50000	0.00000	0.75000
NODE	10626	-2.50000	0.00000	0.75000
NODE	10627	-2.50000	1.11000	0.75000
NODE	10628	-2.50000	2.22000	0.75000
NODE	10629	-2.50000	3.33000	0.75000
NODE	10631	-1.11000	-3.33000	0.75000
NODE	10632	-1.11000	-2.22000	0.75000
NODE	10633	-1.11000	-1.11000	0.75000
NODE	10634	-1.11000	0.00000	0.75000
NODE	10641	-0.55500	-3.33000	0.75000
NODE	10642	-0.55500	-2.22000	0.75000
NODE	10648	-0.55500	-2.22000	0.75000
NODE	10649	-0.55500	-3.33000	0.75000
NODE	10701	6.50000	-3.33000	0.75000
NODE	10702	6.50000	-2.22000	0.75000
NODE	10703	6.50000	-1.11000	0.75000
NODE	10704	6.50000	-0.55500	0.75000
NODE	10705	6.50000	0.00000	0.75000

NODE	10706	6.50000	0.55500	0.75000
NODE	10707	6.50000	1.11000	0.75000
NODE	10708	6.50000	2.22000	0.75000
NODE	10709	6.50000	3.33000	0.75000
NODE	10711	4.50000	-3.33000	0.75000
NODE	10712	4.50000	-2.22000	0.75000
NODE	10713	4.50000	-1.11000	0.75000
NODE	10714	4.50000	-0.55500	0.75000
NODE	10715	4.50000	0.00000	0.75000
NODE	10716	4.50000	0.55500	0.75000
NODE	10717	4.50000	1.11000	0.75000
NODE	10718	4.50000	2.22000	0.75000
NODE	10719	4.50000	3.33000	0.75000
NODE	10721	2.50000	-3.33000	0.75000
NODE	10722	2.50000	-2.22000	0.75000
NODE	10723	2.50000	-1.11000	0.75000
NODE	10724	2.50000	-0.55500	0.75000
NODE	10725	2.50000	0.00000	0.75000
NODE	10726	2.50000	0.55500	0.75000
NODE	10727	2.50000	1.11000	0.75000
NODE	10728	2.50000	2.22000	0.75000
NODE	10729	2.50000	3.33000	0.75000
NODE	10731	1.11000	-3.33000	0.75000
NODE	10732	1.11000	-2.22000	0.75000
NODE	10733	1.11000	-1.11000	0.75000
NODE	10734	1.11000	0.00000	0.75000
NODE	10741	0.55500	-3.33000	0.75000
NODE	10742	0.55500	-2.22000	0.75000
NODE	10748	0.55500	2.22000	0.75000
NODE	10749	0.55500	3.33000	0.75000
NODE	11010	0.00000	0.00000	0.85000
NODE	11011	0.22000	0.00000	0.85000
NODE	11012	0.20330	0.08420	0.85000
NODE	11013	0.15560	0.15560	0.85000
NODE	11014	0.08420	0.20330	0.85000
NODE	11015	0.00000	0.22000	0.85000
NODE	11016	-0.08420	0.20330	0.85000
NODE	11017	-0.15560	0.15560	0.85000
NODE	11018	-0.20330	0.08420	0.85000
NODE	11019	-0.22000	0.00	

NODE	11171	-0.21920	-0.21920	0.86500
NODE	11172	-0.11880	-0.28640	0.86500
NODE	11173	0.00000	-0.31000	0.86500
NODE	11174	0.11880	-0.28640	0.86500
NODE	11175	0.21920	-0.21920	0.86500
NODE	11176	0.28640	-0.11880	0.86500
NODE	11211	0.41000	0.00000	0.86500
NODE	11212	0.37880	0.15690	0.86500
NODE	11213	0.28990	0.28990	0.86500
NODE	11214	0.15690	0.37880	0.86500
NODE	11216	0.00000	0.41000	0.86500
NODE	11216	-0.15690	0.37880	0.86500
NODE	11217	-0.28990	0.28990	0.86500
NODE	11218	-0.37880	0.15690	0.86500
NODE	11219	-0.41000	0.00000	0.86500
NODE	11220	-0.37880	-0.15690	0.86500
NODE	11221	-0.28990	-0.28990	0.86500
NODE	11222	-0.15690	-0.37880	0.86500
NODE	11223	0.00000	-0.41000	0.86500
NODE	11224	0.15690	-0.37880	0.86500
NODE	11225	0.28990	-0.28990	0.86500
NODE	11226	0.37880	-0.15690	0.86500
NODE	11261	0.41000	0.00000	0.86500
NODE	11262	0.37880	0.15690	0.86500
NODE	11263	0.28990	0.28990	0.86500
NODE	11264	0.15690	0.37880	0.86500
NODE	11265	0.00000	0.41000	0.86500
NODE	11265	-0.15690	0.37880	0.86500
NODE	11267	-0.28990	0.28990	0.86500
NODE	11268	-0.37880	0.15690	0.86500
NODE	11269	-0.41000	0.00000	0.86500
NODE	11270	-0.37880	-0.15690	0.86500
NODE	11271	-0.28990	-0.28990	0.86500
NODE	11272	-0.15690	-0.37880	0.86500
NODE	11273	0.00000	-0.41000	0.86500
NODE	11274	0.15690	-0.37880	0.86500
NODE	11275	0.28990	-0.28990	0.86500
NODE	11276	0.37880	-0.15690	0.86500
NODE	11311	0.51000	0.00000	0.86500
NODE	11312	0.47120	0.19520	0.86500
NODE	11313	0.36060	0.36060	0.86500
NODE	11314	0.19520	0.47120	0.86500
NODE	11315	0.00000	0.51000	0.86500
NODE	11316	-0.19520	0.47120	0.86500
NODE	11317	-0.36060	0.36060	0.86500
NODE	11318	-0.47120	0.19520	0.86500
NODE	11319	-0.51000	0.00000	0.86500
NODE	11320	-0.47120	-0.19520	0.86500
NODE	11321	-0.36060	-0.36060	0.86500
NODE	11322	-0.19520	-0.47120	0.86500
NODE	11323	0.00000	-0.51000	0.86500
NODE	11324	0.19520	-0.47120	0.86500
NODE	11325	0.36060	-0.36060	0.86500
NODE	11326	0.47120	-0.19520	0.86500
NODE	11411	0.76000	0.00000	0.86500
NODE	11412	0.70210	0.29080	0.86500
NODE	11413	0.53740	0.53740	0.86500
NODE	11414	0.29080	0.70210	0.86500
NODE	11415	0.00000	0.76000	0.86500
NODE	11416	-0.29080	0.70210	0.86500
NODE	11417	-0.53740	0.53740	0.86500
NODE	11418	-0.70210	0.29080	0.86500
NODE	11419	-0.76000	0.00000	0.86500
NODE	11420	-0.70210	-0.29080	0.86500
NODE	11421	-0.53740	-0.53740	0.86500
NODE	11422	-0.29080	-0.70210	0.86500
NODE	11423	0.00000	-0.76000	0.86500
NODE	11424	0.29080	-0.70210	0.86500
NODE	11425	0.53740	-0.53740	0.86500
NODE	11426	0.70210	-0.29080	0.86500
NODE	11511	1.11000	0.00000	0.86500
NODE	11512	1.02550	0.42480	0.86500
NODE	11513	0.78490	0.78490	0.86500
NODE	11514	0.42480	1.02550	0.86500
NODE	11515	0.00000	1.11000	0.86500
NODE	11516	-0.42480	1.02550	0.86500
NODE	11517	-0.78490	0.78490	0.86500
NODE	11518	-1.02550	0.42480	0.86500
NODE	11519	-1.11000	0.00000	0.86500
NODE	11520	-1.02550	-0.42480	0.86500
NODE	11521	-0.78490	-0.78490	0.86500
NODE	11522	-0.42480	-1.02550	0.86500
NODE	11523	0.00000	-1.11000	0.86500
NODE	11524	0.42480	-1.02550	0.86500
NODE	11525	0.78490	-0.78490	0.86500
NODE	11526	1.02550	-0.42480	0.86500
NODE	11561	1.11000	0.00000	0.86500
NODE	11562	1.02550	0.42480	0.86500
NODE	11563	0.78490	0.78490	0.86500
NODE	11564	0.42480	1.02550	0.86500

NODE	11565	0.00000	1.11000	0.86500
NODE	11566	-0.42480	1.02550	0.86500
NODE	11567	-0.78490	0.78490	0.86500
NODE	11568	-1.02550	0.42480	0.86500
NODE	11569	-1.11000	0.00000	0.86500
NODE	11570	-1.02550	-0.42480	0.86500
NODE	11571	-0.78490	-0.78490	0.86500
NODE	11572	-0.42480	-1.02550	0.86500
NODE	11573	0.00000	-1.11000	0.86500
NODE	11574	0.42480	-1.02550	0.86500
NODE	11575	0.78490	-0.78490	0.86500
NODE	11576	1.02550	-0.42480	0.86500
NODE	11591	0.00000	-3.33000	0.86500
NODE	11592	0.00000	-2.22000	0.86500
NODE	11598	0.00000	2.22000	0.86500
NODE	11599	0.00000	3.33000	0.86500
NODE	11601	-6.50000	-3.33000	0.86500
NODE	11602	-6.50000	-2.22000	0.86500
NODE	11603	-6.50000	-1.11000	0.86500
NODE	11604	-6.50000	0.00000	0.86500
NODE	11605	-6.50000	0.00000	0.86500
NODE	11606	-6.50000	0.55500	0.86500
NODE	11607	-6.50000	1.11000	0.86500
NODE	11608	-6.50000	2.22000	0.86500
NODE	11609	-6.50000	3.33000	0.86500
NODE	11611	-4.50000	-3.33000	0.86500
NODE	11612	-4.50000	-2.22000	0.86500
NODE	11613	-4.50000	-1.11000	0.86500
NODE	11614	-4.50000	0.00000	0.86500
NODE	11615	-4.50000	0.55500	0.86500
NODE	11616	-4.50000	1.11000	0.86500
NODE	11617	-4.50000	2.22000	0.86500
NODE	11618	-4.50000	3.33000	0.86500
NODE	11621	-2.50000	-3.33000	0.86500
NODE	11622	-2.50000	-2.22000	0.86500
NODE	11623	-2.50000	-1.11000	0.86500
NODE	11624	-2.50000	0.00000	0.86500
NODE	11625	-2.50000	0.55500	0.86500
NODE	11626	-2.50000	1.11000	0.86500
NODE	11627	-2.50000	2.22000	0.86500
NODE	11628	-2.50000	3.33000	0.86500
NODE	11629	-2.50000	3.33000	0.86500
NODE	11631	-1.11000	-3.33000	0.86500
NODE	11632	-1.11000	-2.22000	0.86500
NODE	11633	-1.11000	-1.11000	0.86500
NODE	11639	-1.11000	0.00000	0.86500
NODE	11641	-0.55500	-3.33000	0.86500
NODE	11642	-0.55500	-2.22000	0.86500
NODE	11643	-0.55500	-1.11000	0.86500
NODE	11649	-0.55500	0.00000	0.86500
NODE	11701	6.50000	-3.33000	0.86500
NODE	11702	6.50000	-2.22000	0.86500
NODE	11703	6.50000	-1.11000	0.86500
NODE	11704	6.50000	0.00000	0.86500
NODE	11705	6.50000	0.55500	0.86500
NODE	11706	6.50000	1.11000	0.86500
NODE	11707	6.50000	2.22000	0.86500
NODE	11708	6.50000	3.33000	0.86500
NODE	11709	6.50000	3.33000	0.86500
NODE	11711	4.50000	-3.33000	0.86500
NODE	11712	4.50000	-2.22000	0.86500
NODE	11713	4.50000	-1.11000	0.86500
NODE	11714	4.50000	0.00000	0.86500
NODE	11715	4.50000	0.55500	0.86500
NODE	11716	4.50000	1.11000	0.86500
NODE	11717	4.50000	2.22000	0.86500
NODE	11718	4.50000	3.33000	0.86500
NODE	11719	4.50000	3.33000	0.86500
NODE	11721	2.50000	-3.33000	0.86500
NODE	11722	2.50000	-2.22000	0.86500
NODE	11723	2.50000	-1.11000	0.86500
NODE	11724	2.50000	0.00000	0.86500
NODE	11725	2.50000	0.55500	0.86500
NODE	11726	2.50000	1.11000	0.86500
NODE	11727	2.50000	2.22000	0.86500
NODE	11728	2.50000	3.33000	0.86500
NODE	11729	2.50000	3.33000	0.86500
NODE	11731	1.11000	-3.33000	0.86500
NODE	11732	1.11000	-2.22000	0.86500
NODE	11733	1.11000	-1.11000	0.86500
NODE	11738	1.11000	0.00000	0.86500
NODE	11739	1.11000	0.55500	0.86500
NODE	11741	0.55500	-3.33000	0.86500
NODE	11742	0.55500	-2.22000	0.86500
NODE	11746	0.55500	2.22000	0.86500
NODE	11749	0.55500	3.33000	0.86500
NODE	12010	0.00000	0.00000	1.06500
NODE	12011	0.22000	0.00000	1.06500
NODE	12012	0.20330	0.08420	1.06500
NODE	12013	0.15660	0.15560	1.06500

NODE	12014	0.08420	0.20330	1.06500
NODE	12015	0.00000	0.22000	1.06500
NODE	12016	-0.08420	0.20330	1.06500
NODE	12017	-0.15560	0.15560	1.06500
NODE	12018	-0.20330	0.08420	1.06500
NODE	12019	-0.22000	0.00000	1.06500
NODE	12020	-0.20330	-0.08420	1.06500
NODE	12021	-0.15560	-0.15560	1.06500
NODE	12022	-0.08420	-0.20330	1.06500
NODE	12023	0.00000	-0.22000	1.06500
NODE	12024	0.08420	-0.20330	1.06500
NODE	12025	0.15560	-0.15560	1.06500
NODE	12026	0.20330	-0.08420	1.06500
NODE	12111	0.31600	0.00000	1.06500
NODE	12112	0.28640	0.11860	1.06500
NODE	12113	0.21920	0.21920	1.06500
NODE	12114	0.11860	0.28640	1.06500
NODE	12115	0.00000	0.31600	1.06500
NODE	12116	-0.11860	0.28640	1.06500
NODE	12117	-0.21920	0.21920	1.06500
NODE	12118	-0.28640	0.11860	1.06500
NODE	12119	-0.31600	0.00000	1.06500
NODE	12120	-0.28640	-0.11860	1.06500
NODE	12121	-0.21920	-0.21920	1.06500
NODE	12122	-0.11860	-0.28640	1.06500
NODE	12123	0.00000	-0.31600	1.06500
NODE	12124	0.11860	-0.28640	1.06500
NODE	12125	0.21920	-0.21920	1.06500
NODE	12126	0.28640	-0.11860	1.06500
NODE	12211	0.41000	0.00000	1.06500
NODE	12212	0.37880	0.15690	1.06500
NODE	12213	0.28990	0.28990	1.06500
NODE	12214	0.15690	0.37880	1.06500
NODE	12215	0.00000	0.41000	1.06500
NODE	12216	-0.15690	0.37880	1.06500
NODE	12217	-0.28990	0.28990	1.06500
NODE	12218	-0.37880	0.15690	1.06500
NODE	12219	-0.41000	0.00000	1.06500
NODE	12220	-0.37880	-0.15690	1.06500
NODE	12221	-0.28990		

NODE	12524	0.42480	-1.02550	1.05500
NODE	12525	0.78490	-0.78490	1.05500
NODE	12526	1.02550	-0.42480	1.05500
NODE	12551	1.11000	0.00000	1.05500
NODE	12552	1.02550	0.42480	1.05500
NODE	12553	0.78490	0.78490	1.05500
NODE	12554	0.42480	1.02550	1.05500
NODE	12555	0.00000	1.11000	1.05500
NODE	12556	-0.42480	1.02550	1.05500
NODE	12557	-0.78490	0.78490	1.05500
NODE	12558	-1.02550	0.42480	1.05500
NODE	12559	-1.11000	0.00000	1.05500
NODE	12570	-1.02550	-0.42480	1.05500
NODE	12571	-0.78490	-0.78490	1.05500
NODE	12572	-0.42480	-1.02550	1.05500
NODE	12573	0.00000	-1.11000	1.05500
NODE	12574	0.42480	-1.02550	1.05500
NODE	12575	0.78490	-0.78490	1.05500
NODE	12576	1.02550	-0.42480	1.05500
NODE	12591	0.00000	-3.33000	1.05500
NODE	12592	0.00000	-2.22000	1.05500
NODE	12593	0.00000	2.22000	1.05500
NODE	12594	0.00000	3.33000	1.05500
NODE	12601	-6.50000	-3.33000	1.05500
NODE	12602	-6.50000	-2.22000	1.05500
NODE	12603	-6.50000	-1.11000	1.05500
NODE	12604	-6.50000	0.00000	1.05500
NODE	12605	-6.50000	0.00000	1.05500
NODE	12606	-6.50000	0.00000	1.05500
NODE	12607	-6.50000	1.11000	1.05500
NODE	12608	-6.50000	2.22000	1.05500
NODE	12609	-6.50000	3.33000	1.05500
NODE	12611	-4.50000	-3.33000	1.05500
NODE	12612	-4.50000	-2.22000	1.05500
NODE	12613	-4.50000	-1.11000	1.05500
NODE	12614	-4.50000	-0.55500	1.05500
NODE	12615	-4.50000	0.00000	1.05500
NODE	12616	-4.50000	0.55500	1.05500
NODE	12617	-4.50000	1.11000	1.05500
NODE	12618	-4.50000	2.22000	1.05500
NODE	12619	-4.50000	3.33000	1.05500
NODE	12621	-2.50000	-3.33000	1.05500
NODE	12622	-2.50000	-2.22000	1.05500
NODE	12623	-2.50000	-1.11000	1.05500
NODE	12624	-2.50000	-0.55500	1.05500
NODE	12625	-2.50000	0.00000	1.05500
NODE	12626	-2.50000	0.55500	1.05500
NODE	12627	-2.50000	1.11000	1.05500
NODE	12628	-2.50000	2.22000	1.05500
NODE	12629	-2.50000	3.33000	1.05500
NODE	12631	-1.11000	-3.33000	1.05500
NODE	12632	-1.11000	-2.22000	1.05500
NODE	12633	-1.11000	-1.11000	1.05500
NODE	12634	-1.11000	-0.55500	1.05500
NODE	12635	-1.11000	0.00000	1.05500
NODE	12641	-0.55500	-3.33000	1.05500
NODE	12642	-0.55500	-2.22000	1.05500
NODE	12648	-0.55500	-1.11000	1.05500
NODE	12649	-0.55500	-0.55500	1.05500
NODE	12701	6.50000	-3.33000	1.05500
NODE	12702	6.50000	-2.22000	1.05500
NODE	12703	6.50000	-1.11000	1.05500
NODE	12704	6.50000	-0.55500	1.05500
NODE	12705	6.50000	0.00000	1.05500
NODE	12706	6.50000	0.55500	1.05500
NODE	12707	6.50000	1.11000	1.05500
NODE	12708	6.50000	2.22000	1.05500
NODE	12709	6.50000	3.33000	1.05500
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NODE	12713	4.50000	-1.11000	1.05500
NODE	12714	4.50000	-0.55500	1.05500
NODE	12715	4.50000	0.00000	1.05500
NODE	12716	4.50000	0.55500	1.05500
NODE	12717	4.50000	1.11000	1.05500
NODE	12718	4.50000	2.22000	1.05500
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NODE	12722	2.50000	-2.22000	1.05500
NODE	12723	2.50000	-1.11000	1.05500
NODE	12724	2.50000	-0.55500	1.05500
NODE	12725	2.50000	0.00000	1.05500
NODE	12726	2.50000	0.55500	1.05500
NODE	12727	2.50000	1.11000	1.05500
NODE	12728	2.50000	2.22000	1.05500
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NODE	12731	1.11000	-3.33000	1.05500
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NODE	12733	1.11000	-1.11000	1.05500
NODE	12734	1.11000	-0.55500	1.05500
NODE	12735	1.11000	0.00000	1.05500
NODE	12741	0.55500	-3.33000	1.05500

NODE	12742	0.55500	-2.22000	1.05500
NODE	12748	0.55500	2.22000	1.05500
NODE	12749	0.55500	3.33000	1.05500
NODE	13010	0.00000	0.00000	1.05500
NODE	13011	0.22000	0.00000	1.05500
NODE	13012	0.20330	0.08420	1.05500
NODE	13013	0.15560	0.15560	1.05500
NODE	13014	0.08420	0.20330	1.05500
NODE	13015	0.00000	0.22000	1.05500
NODE	13016	-0.08420	0.20330	1.05500
NODE	13017	-0.15560	0.15560	1.05500
NODE	13018	-0.20330	0.08420	1.05500
NODE	13019	-0.22000	0.00000	1.05500
NODE	13020	-0.20330	-0.08420	1.05500
NODE	13021	-0.15560	-0.15560	1.05500
NODE	13022	-0.08420	-0.20330	1.05500
NODE	13023	0.00000	-0.22000	1.05500
NODE	13024	0.08420	-0.20330	1.05500
NODE	13025	0.15560	-0.15560	1.05500
NODE	13026	0.20330	-0.08420	1.05500
NODE	13111	0.31000	0.00000	1.05500
NODE	13112	0.28640	0.11860	1.05500
NODE	13113	0.21920	0.21920	1.05500
NODE	13114	0.11860	0.28640	1.05500
NODE	13115	0.31000	0.00000	1.05500
NODE	13116	-0.11860	0.28640	1.05500
NODE	13117	-0.21920	0.21920	1.05500
NODE	13118	-0.28640	0.11860	1.05500
NODE	13119	-0.31000	0.00000	1.05500
NODE	13120	-0.28640	-0.11860	1.05500
NODE	13121	-0.21920	-0.21920	1.05500
NODE	13122	-0.11860	-0.28640	1.05500
NODE	13123	0.00000	-0.31000	1.05500
NODE	13124	0.11860	-0.28640	1.05500
NODE	13125	0.21920	-0.21920	1.05500
NODE	13126	0.28640	-0.11860	1.05500
NODE	13211	0.00000	0.41000	1.05500
NODE	13212	0.37880	0.15690	1.05500
NODE	13213	0.28990	0.28990	1.05500
NODE	13214	0.15690	0.37880	1.05500
NODE	13215	0.00000	0.41000	1.05500
NODE	13216	-0.15690	0.37880	1.05500
NODE	13217	-0.28990	0.28990	1.05500
NODE	13218	-0.37880	0.15690	1.05500
NODE	13219	-0.41000	0.00000	1.05500
NODE	13220	-0.37880	-0.15690	1.05500
NODE	13221	-0.28990	-0.28990	1.05500
NODE	13222	-0.15690	-0.37880	1.05500
NODE	13223	0.00000	-0.41000	1.05500
NODE	13224	0.15690	-0.37880	1.05500
NODE	13225	0.28990	-0.28990	1.05500
NODE	13226	0.37880	-0.15690	1.05500
NODE	13311	0.51000	0.00000	1.05500
NODE	13312	0.47120	0.19520	1.05500
NODE	13313	0.36060	0.36060	1.05500
NODE	13314	0.19520	0.47120	1.05500
NODE	13315	0.00000	0.51000	1.05500
NODE	13316	-0.19520	0.47120	1.05500
NODE	13317	-0.36060	0.36060	1.05500
NODE	13318	-0.47120	0.19520	1.05500
NODE	13319	-0.51000	0.00000	1.05500
NODE	13320	-0.47120	-0.19520	1.05500
NODE	13321	-0.36060	-0.36060	1.05500
NODE	13322	-0.19520	-0.47120	1.05500
NODE	13323	0.00000	-0.51000	1.05500
NODE	13324	0.19520	-0.47120	1.05500
NODE	13325	0.36060	-0.36060	1.05500
NODE	13326	0.47120	-0.19520	1.05500
NODE	13411	0.76000	0.00000	1.05500
NODE	13412	0.70210	0.29080	1.05500
NODE	13413	0.53740	0.53740	1.05500
NODE	13414	0.29080	0.70210	1.05500
NODE	13415	0.00000	0.76000	1.05500
NODE	13416	-0.29080	0.70210	1.05500
NODE	13417	-0.53740	0.53740	1.05500
NODE	13418	-0.70210	0.29080	1.05500
NODE	13419	-0.76000	0.00000	1.05500
NODE	13420	-0.70210	-0.29080	1.05500
NODE	13421	-0.53740	-0.53740	1.05500
NODE	13422	-0.29080	-0.70210	1.05500
NODE	13423	0.00000	-0.76000	1.05500
NODE	13424	0.29080	-0.70210	1.05500
NODE	13425	0.53740	-0.53740	1.05500
NODE	13426	0.70210	-0.29080	1.05500
NODE	13511	1.11000	0.00000	1.05500
NODE	13512	1.02550	0.42480	1.05500
NODE	13513	0.78490	0.78490	1.05500
NODE	13514	0.42480	1.02550	1.05500
NODE	13515	0.00000	1.11000	1.05500
NODE	13516	-0.42480	1.02550	1.05500

NODE	13617	-0.78490	0.78490	1.05500
NODE	13618	-1.02550	0.42480	1.05500
NODE	13619	-1.11000	0.00000	1.05500
NODE	13620	-1.02550	-0.42480	1.05500
NODE	13621	-0.78490	-0.78490	1.05500
NODE	13622	-0.42480	-1.02550	1.05500
NODE	13623	0.00000	-1.11000	1.05500
NODE	13624	0.42480	-1.02550	1.05500
NODE	13625	0.78490	-0.78490	1.05500
NODE	13626	1.02550	-0.42480	1.05500
NODE	13627	1.11000	0.00000	1.05500
NODE	13628	1.02550	0.42480	1.05500
NODE	13629	0.78490	0.78490	1.05500
NODE	13630	0.42480	1.02550	1.05500
NODE	13631	0.00000	1.11000	1.05500
NODE	13632	-0.42480	1.02550	1.05500
NODE	13633	-0.78490	0.78490	1.05500
NODE	13634	-1.02550	0.42480	1.05500
NODE	13635	-1.11000	0.00000	1.05500
NODE	13636	-1.02550	-0.42480	1.05500
NODE	13637	-0.78490	-0.78490	1.05500
NODE	13638	-0.42480	-1.02550	1.05500
NODE	13639	0.00000	-1.11000	1.05500
NODE	13640	0.42480	-1.02550	1.05500
NODE	13641	0.78490	-0.78490	1.05500
NODE	13642	1.02550	-0.42480	1.05500
NODE	13643	1.11000	0.00000	1.05500
NODE	13644	1.02550	0.42480	1.05500
NODE	13645	0.78490	0.78490	1.05500
NODE	13646	0.42480	1.02550	1.05500
NODE	13647	0.00000	1.11000	1.05500
NODE	13648	-0.42480	1.02550	1.05500
NODE	13649	-0.78490	0.78490	1.05500
NODE	13650	-1.02550	0.42480	1.05500
NODE	13651	-1.11000	0.00000	1.05500
NODE	13652	-1.02550	-0.42480	1.05500
NODE	13653	-0.78490	-0.78490	1.05500
NODE	13654	-0.42480		

NODE	13728	2.50000	2.22000	1.55500
NODE	13729	2.50000	3.33000	1.55500
NODE	13730	1.11000	3.33000	1.55500
NODE	13731	1.11000	-3.33000	1.55500
NODE	13732	1.11000	-3.33000	1.55500
NODE	13733	1.11000	2.22000	1.55500
NODE	13734	1.11000	3.33000	1.55500
NODE	13735	0.55500	-3.33000	1.55500
NODE	13736	0.55500	-2.22000	1.55500
NODE	13737	0.55500	2.22000	1.55500
NODE	13738	0.55500	3.33000	1.55500
NODE	14010	0.00000	0.00000	2.06500
NODE	14011	0.22000	0.00000	2.06500
NODE	14012	0.20330	0.08420	2.06500
NODE	14013	0.15560	0.15560	2.06500
NODE	14014	0.08420	0.20330	2.06500
NODE	14015	0.00000	0.22000	2.06500
NODE	14016	-0.08420	0.20330	2.06500
NODE	14017	-0.15560	0.15560	2.06500
NODE	14018	-0.20330	0.08420	2.06500
NODE	14019	-0.22000	0.00000	2.06500
NODE	14020	-0.20330	-0.08420	2.06500
NODE	14021	-0.15560	-0.15560	2.06500
NODE	14022	-0.08420	-0.20330	2.06500
NODE	14023	0.00000	-0.22000	2.06500
NODE	14024	0.08420	-0.20330	2.06500
NODE	14025	0.15560	-0.15560	2.06500
NODE	14026	0.20330	-0.08420	2.06500
NODE	14111	0.31000	0.00000	2.06500
NODE	14112	0.28640	0.11860	2.06500
NODE	14113	0.21920	0.21920	2.06500
NODE	14114	0.11860	0.28640	2.06500
NODE	14115	0.00000	0.31000	2.06500
NODE	14116	-0.11860	0.28640	2.06500
NODE	14117	-0.21920	0.21920	2.06500
NODE	14118	-0.28640	0.11860	2.06500
NODE	14119	-0.31000	0.00000	2.06500
NODE	14120	-0.28640	-0.11860	2.06500
NODE	14121	-0.21920	-0.21920	2.06500
NODE	14122	-0.11860	-0.28640	2.06500
NODE	14123	0.00000	-0.31000	2.06500
NODE	14124	0.11860	-0.28640	2.06500
NODE	14125	0.21920	-0.21920	2.06500
NODE	14126	0.28640	-0.11860	2.06500
NODE	14211	0.41000	0.00000	2.06500
NODE	14212	0.37880	0.15690	2.06500
NODE	14213	0.28990	0.37880	2.06500
NODE	14214	0.15690	0.37880	2.06500
NODE	14215	0.00000	0.41000	2.06500
NODE	14216	-0.15690	0.37880	2.06500
NODE	14217	-0.28990	0.28990	2.06500
NODE	14218	-0.37880	0.15690	2.06500
NODE	14219	-0.41000	0.00000	2.06500
NODE	14220	-0.37880	-0.15690	2.06500
NODE	14221	-0.28990	-0.28990	2.06500
NODE	14222	-0.15690	-0.37880	2.06500
NODE	14223	0.00000	-0.41000	2.06500
NODE	14224	0.15690	-0.37880	2.06500
NODE	14225	0.28990	-0.28990	2.06500
NODE	14226	0.37880	-0.15690	2.06500
NODE	14311	0.51000	0.00000	2.06500
NODE	14312	0.47120	0.19520	2.06500
NODE	14313	0.36060	0.36060	2.06500
NODE	14314	0.19520	0.47120	2.06500
NODE	14315	0.00000	0.51000	2.06500
NODE	14316	-0.19520	0.47120	2.06500
NODE	14317	-0.36060	0.36060	2.06500
NODE	14318	-0.47120	0.19520	2.06500
NODE	14319	-0.51000	0.00000	2.06500
NODE	14320	-0.47120	-0.19520	2.06500
NODE	14321	-0.36060	-0.36060	2.06500
NODE	14322	-0.19520	-0.47120	2.06500
NODE	14323	0.00000	-0.51000	2.06500
NODE	14324	0.19520	-0.47120	2.06500
NODE	14325	0.36060	-0.36060	2.06500
NODE	14326	0.47120	-0.19520	2.06500
NODE	14411	0.70210	0.00000	2.06500
NODE	14412	0.70210	0.23080	2.06500
NODE	14413	0.53740	0.53740	2.06500
NODE	14414	0.23080	0.70210	2.06500
NODE	14415	0.00000	0.70210	2.06500
NODE	14416	-0.23080	0.70210	2.06500
NODE	14417	-0.53740	0.53740	2.06500
NODE	14418	-0.70210	0.23080	2.06500
NODE	14419	-0.70210	0.00000	2.06500
NODE	14420	-0.70210	-0.23080	2.06500
NODE	14421	-0.53740	-0.53740	2.06500
NODE	14422	-0.23080	-0.70210	2.06500
NODE	14423	0.00000	-0.70210	2.06500
NODE	14424	0.23080	-0.70210	2.06500
NODE	14425	0.53740	-0.53740	2.06500

NODE	14426	0.70210	-0.23080	2.06500
NODE	14511	1.11000	0.00000	2.06500
NODE	14512	1.02550	0.42480	2.06500
NODE	14513	0.78490	0.78490	2.06500
NODE	14514	0.42480	1.02550	2.06500
NODE	14515	0.00000	1.11000	2.06500
NODE	14516	-0.42480	1.02550	2.06500
NODE	14517	-0.78490	0.78490	2.06500
NODE	14518	-1.02550	0.42480	2.06500
NODE	14519	-1.11000	0.00000	2.06500
NODE	14620	-1.02550	-0.42480	2.06500
NODE	14621	-0.78490	-0.78490	2.06500
NODE	14622	-0.42480	-1.02550	2.06500
NODE	14623	0.00000	-1.11000	2.06500
NODE	14624	0.42480	-1.02550	2.06500
NODE	14625	0.78490	-0.78490	2.06500
NODE	14626	1.02550	-0.42480	2.06500
NODE	14627	1.11000	0.00000	2.06500
NODE	14628	1.02550	0.42480	2.06500
NODE	14629	0.78490	0.78490	2.06500
NODE	14630	-0.42480	1.02550	2.06500
NODE	14631	-0.78490	0.78490	2.06500
NODE	14632	-1.02550	0.42480	2.06500
NODE	14633	-1.11000	0.00000	2.06500
NODE	14634	-1.02550	-0.42480	2.06500
NODE	14635	-0.78490	-0.78490	2.06500
NODE	14636	-0.42480	-1.02550	2.06500
NODE	14637	-0.00000	-1.11000	2.06500
NODE	14638	0.42480	-1.02550	2.06500
NODE	14639	0.78490	-0.78490	2.06500
NODE	14640	1.02550	-0.42480	2.06500
NODE	14641	1.11000	0.00000	2.06500
NODE	14642	1.02550	0.42480	2.06500
NODE	14643	0.78490	0.78490	2.06500
NODE	14644	-0.42480	1.02550	2.06500
NODE	14645	-0.78490	0.78490	2.06500
NODE	14646	-1.02550	0.42480	2.06500
NODE	14647	-1.11000	0.00000	2.06500
NODE	14648	-1.02550	-0.42480	2.06500
NODE	14649	-0.78490	-0.78490	2.06500
NODE	14701	6.50000	-3.33000	2.06500
NODE	14702	6.50000	-2.22000	2.06500
NODE	14703	6.50000	-1.11000	2.06500
NODE	14704	6.50000	0.00000	2.06500
NODE	14705	6.50000	0.00000	2.06500
NODE	14706	6.50000	0.55500	2.06500
NODE	14707	6.50000	1.11000	2.06500
NODE	14708	6.50000	2.22000	2.06500
NODE	14709	6.50000	3.33000	2.06500
NODE	14710	4.50000	-3.33000	2.06500
NODE	14711	4.50000	-2.22000	2.06500
NODE	14712	4.50000	-1.11000	2.06500
NODE	14713	4.50000	0.00000	2.06500
NODE	14714	4.50000	0.55500	2.06500
NODE	14715	4.50000	1.11000	2.06500
NODE	14716	4.50000	2.22000	2.06500
NODE	14717	4.50000	3.33000	2.06500
NODE	14718	4.50000	2.22000	2.06500
NODE	14719	4.50000	1.11000	2.06500

NODE	14720	2.50000	-3.33000	2.06500
NODE	14721	2.50000	-2.22000	2.06500
NODE	14722	2.50000	-1.11000	2.06500
NODE	14723	2.50000	0.00000	2.06500
NODE	14724	2.50000	1.11000	2.06500
NODE	14725	2.50000	2.22000	2.06500
NODE	14726	2.50000	3.33000	2.06500
NODE	14727	2.50000	2.22000	2.06500
NODE	14728	2.50000	1.11000	2.06500
NODE	14729	2.50000	0.00000	2.06500
NODE	14730	1.11000	-3.33000	2.06500
NODE	14731	1.11000	-2.22000	2.06500
NODE	14732	1.11000	-1.11000	2.06500
NODE	14733	1.11000	0.00000	2.06500
NODE	14734	1.11000	1.11000	2.06500
NODE	14735	1.11000	2.22000	2.06500
NODE	14736	0.55500	-3.33000	2.06500
NODE	14737	0.55500	-2.22000	2.06500
NODE	14738	0.55500	-1.11000	2.06500
NODE	14739	0.55500	0.00000	2.06500
NODE	14740	0.55500	1.11000	2.06500
NODE	14741	0.55500	2.22000	2.06500
NODE	14742	0.55500	3.33000	2.06500
NODE	14743	0.55500	2.22000	2.06500
NODE	14744	0.55500	1.11000	2.06500
NODE	14745	0.55500	0.00000	2.06500
NODE	14746	0.55500	-1.11000	2.06500
NODE	14747	0.55500	-2.22000	2.06500
NODE	14748	0.55500	-3.33000	2.06500
NODE	14749	0.55500	-2.22000	2.06500
NODE	14750	0.55500	-1.11000	2.06500
NODE	14751	0.55500	0.00000	2.06500
NODE	14752	0.55500	1.11000	2.06500
NODE	14753	0.55500	2.22000	2.06500
NODE	14754	0.55500	3.33000	2.06500
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NODE	16615	-4.00000	1.11000	3.31500
NODE	16616	-4.00000	2.22000	3.31500
NODE	16617	-4.00000	3.33000	3.31500
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NODE	16622	-2.50000	-2.22000	3.31500
NODE	16623	-2.50000	-1.11000	3.31500
NODE	16624	-2.50000	0.00000	3.31500
NODE	16625	-2.50000	1.11000	3.31500
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NODE	16632	-1.11000	-2.22000	3.31500
NODE	16633	-1.11000	-1.11000	3.31500
NODE	16634	-1.11000	0.00000	3.31500
NODE	16635	-1.11000	1.11000	3.31500
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NODE	16642	-0.55500	-2.22000	3.31500
NODE	16643	-0.55500	-1.11000	3.31500
NODE	16644	-0.55500	0.00000	3.31500
NODE	16645	-0.55500	1.11000	3.31500
NODE	16646	-0.55500	2.22000	3.31500
NODE	16647	-0.55500	3.33000	3.31500
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NODE	16649	-0.55500	3.33000	3.31500
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NODE	16652	-1.80500	-2.22000	3.31500
NODE	16653	-1.80500	-1.11000	3.31500
NODE	16654	-1.80500	0.00000	3.31500
NODE	16655	-1.80500	1.11000	3.31500
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NODE	16662	-0.55500	-2.22000	3.31500
NODE	16663	-0.55500	-1.11000	3.31500
NODE	16664	-0.55500	0.00000	3.31500
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NODE	16666	-0.55500	2.22000	3.31500
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NODE	16668	-0.55500	2.22000	3.31500
NODE	16669	-0.55500	3.33000	3.31500
NODE	16671	-1.11000	-3.33000	3.31500
NODE	16672	-1.11000	-2.22000	3.31500
NODE	16673	-0.94740	-0.94740	3.31500
NODE	16674	-1.06780	-0.48990	3.31500
NODE	16675	-1.11000	0.00000	3.31500
NODE	16676	-1.06780	0.48990	3.31500
NODE	16677	-1.11000	1.11000	3.31500
NODE	16678	-1.11000	2.22000	3.31500
NODE	16679	-1.11000	3.33000	3.31500
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NODE	16682	-0.55500	-2.22000	3.31500
NODE	16683	-0.55500	-1.11000	3.31500
NODE	16684	-0.55500	0.00000	3.31500
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NODE	16689	-0.55500	3.33000	3.31500
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NODE	16703	6.50000	-1.11000	3.31500
NODE	16704	6.50000	0.00000	3.31500
NODE	16705	6.50000	1.11000	3.31500

NODE	16706	6.50000	0.55500	3.31500
NODE	16707	6.50000	1.11000	3.31500
NODE	16708	6.50000	2.22000	3.31500
NODE	16709	6.50000	3.33000	3.31500
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NODE	16712	4.50000	-2.22000	3.31500
NODE	16713	4.50000	-1.11000	3.31500
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NODE	16715	4.50000	1.11000	3.31500
NODE	16716	4.50000	2.22000	3.31500
NODE	16717	4.50000	3.33000	3.31500
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NODE	16722	2.50000	-2.22000	3.31500
NODE	16723	2.50000	-1.11000	3.31500
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NODE	16725	2.50000	1.11000	3.31500
NODE	16726	2.50000	2.22000	3.31500
NODE	16727	2.50000	3.33000	3.31500
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NODE	16732	1.11000	-2.22000	3.31500
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NODE	16735	1.11000	1.11000	3.31500
NODE	16736	1.11000	2.22000	3.31500
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NODE	16738	1.11000	2.22000	3.31500
NODE	16739	1.11000	3.33000	3.31500
NODE	16741	0.55500	-3.33000	3.31500
NODE	16742	0.55500	-2.22000	3.31500
NODE	16743	0.55500	-1.11000	3.31500
NODE	16744	0.55500	0.00000	3.31500
NODE	16745	0.55500	1.11000	3.31500
NODE	16746	0.55500	2.22000	3.31500
NODE	16747	0.55500	3.33000	3.31500
NODE	16748	0.55500	2.22000	3.31500
NODE	16749	0.55500	3.33000	3.31500
NODE	16751	1.80500	-3.33000	3.31500
NODE	16752	1.80500	-2.22000	3.31500
NODE	16753	1.80500	-1.11000	3.31500
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NODE	16755	1.80500	1.11000	3.31500
NODE	16756	1.80500	2.22000	3.31500
NODE	16757	1.80500	3.33000	3.31500
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NODE	16761	1.11000	-3.33000	3.31500
NODE	16762	1.11000	-2.22000	3.31500
NODE	16763	0.94740	-0.94740	3.31500
NODE	16764	1.06780	-0.48990	3.31500
NODE	16765	1.11000	0.00000	3.31500
NODE	16766	1.06780	0.48990	3.31500
NODE	16767	1.11000	1.11000	3.31500
NODE	16768	1.11000	2.22000	3.31500
NODE	16769	1.11000	3.33000	3.31500
NODE	16771	0.55500	-3.33000	3.31500
NODE	16772	0.55500	-2.22000	3.31500
NODE	16773	0.55500	-1.11000	3.31500
NODE	16774	0.55500	0.00000	3.31500
NODE	16775	0.55500	1.11000	3.31500
NODE	16776	0.55500	2.22000	3.31500
NODE	16777	0.55500	3.33000	3.31500
NODE	16778	0.55500	2.22000	3.31500
NODE	16779	0.55500	3.33000	3.31500
NODE	16781	0.00000	-3.33000	3.31500
NODE	16782	0.00000	-2.22000	3.31500
NODE	16783	0.00000	-1.11000	3.31500
NODE	16784	0.00000	0.00000	3.31500
NODE	16785	0.00000	1.11000	3.31500
NODE	16786	0.00000	2.22000	3.31500
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NODE	16788	0.00000	2.22000	3.31500
NODE	16789	0.00000	3.33000	3.31500
NODE	16991	0.00000	-3.33000	3.31500
NODE	16992	0.00000	-2.22000	3.31500
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NODE	16995	0.00000	1.11000	3.31500
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NODE	16998	0.00000	2.22000	3.31500
NODE	16999	0.00000	3.33000	3.31500
NODE	17010	0.00000	0.00000	3.31500
NODE	17011	0.41000	0.00000	3.31500
NODE	17012	0.37880	0.15690	3.31500
NODE	17013	0.28990	0.28990	3.31500
NODE	17014	0.15690	0.37880	3.31500
NODE	17015	0.00000	0.41000	3.31500
NODE	17016	-0.15690	0.37880	3.31500
NODE	17017	-0.28990	0.28990	3.31500
NODE	17018	-0.37880	0.15690	3.31500
NODE	17019	-0.41000	0.00000	3.31500
NODE	17020	-0.37880	-0.15690	3.31500
NODE	17021	-0.28990	-0.28990	3.31500
NODE	17022	-0.15690	-0.37880	3.31500
NODE	17023	0.00000	-0.41000	3.31500
NODE	17024	0.15690	-0.37880	3.31500
NODE	17025	0.28990	-0.28990	3.31500
NODE	17026	0.37880	-0.15690	3.31500
NODE	17591	0.00000	-3.33000	3.31500
NODE	17592	0.00000	-2.22000	3.31500
NODE	17593	0.00000	-1.11000	3.31500
NODE	17594	0.00000	0.00000	3.31500
NODE	17595	0.00000	1.11000	3.31500
NODE	17596	0.00000	2.22000	3.31500
NODE				

NODE	17725	2.50000	0.00000	5.06500
NODE	17726	2.50000	0.55500	5.06500
NODE	17727	2.50000	1.11000	5.06500
NODE	17728	2.50000	2.22000	5.06500
NODE	17729	2.50000	3.33000	5.06500
NODE	17730	1.80500	-3.33000	5.06500
NODE	17731	0.55500	-2.22000	5.06500
NODE	17732	1.80500	-1.11000	5.06500
NODE	17733	1.80500	-0.55500	5.06500
NODE	17735	1.80500	0.00000	5.06500
NODE	17735	1.80500	0.55500	5.06500
NODE	17737	1.80500	1.11000	5.06500
NODE	17738	1.80500	2.22000	5.06500
NODE	17739	1.80500	3.33000	5.06500
NODE	17741	1.11000	-3.33000	5.31500
NODE	17742	1.11000	-2.22000	5.31500
NODE	17743	1.11000	-1.11000	5.31500
NODE	17744	1.11000	-0.55500	5.31500
NODE	17745	1.11000	0.00000	5.31500
NODE	17746	1.11000	0.55500	5.31500
NODE	17747	1.11000	1.11000	5.31500
NODE	17748	1.11000	2.22000	5.31500
NODE	17749	1.11000	3.33000	5.31500
NODE	17751	0.55500	-3.33000	5.31500
NODE	17752	0.55500	-2.22000	5.31500
NODE	17753	0.55500	-1.11000	5.31500
NODE	17757	0.55500	1.11000	5.31500
NODE	17758	0.55500	2.22000	5.31500
NODE	17759	0.55500	3.33000	5.31500
NODE	17761	1.80500	-3.33000	5.81270
NODE	17762	1.80500	-2.22000	5.81270
NODE	17763	1.80500	-1.11000	5.81270
NODE	17764	1.80500	-0.55500	5.81270
NODE	17765	1.80500	0.00000	5.81270
NODE	17766	1.80500	0.55500	5.81270
NODE	17767	1.80500	1.11000	5.81270
NODE	17768	1.80500	2.22000	5.81270
NODE	17769	1.80500	3.33000	5.81270
NODE	17771	1.11000	-3.33000	6.31500
NODE	17772	1.11000	-2.22000	6.31500
NODE	17773	1.11000	-1.11000	6.31500
NODE	17774	1.11000	-0.55500	6.31500
NODE	17775	1.11000	0.00000	6.31500
NODE	17776	1.11000	0.55500	6.31500
NODE	17777	1.11000	1.11000	6.31500
NODE	17778	1.11000	2.22000	6.31500
NODE	17779	1.11000	3.33000	6.31500
NODE	17781	0.55500	-3.33000	6.31500
NODE	17782	0.55500	-2.22000	6.31500
NODE	17783	0.55500	-1.11000	6.31500
NODE	17787	0.55500	1.11000	6.31500
NODE	17788	0.55500	2.22000	6.31500
NODE	17789	0.55500	3.33000	6.31500
NODE	17910	0.00000	0.00000	6.31500
NODE	17911	0.56000	0.00000	6.31500
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NODE	17913	0.56000	0.56000	6.31500
NODE	17914	0.28000	0.56000	6.31500
NODE	17915	0.00000	0.56000	6.31500
NODE	17916	-0.28000	0.56000	6.31500
NODE	17917	-0.56000	0.56000	6.31500
NODE	17918	-0.56000	0.28000	6.31500
NODE	17919	-0.56000	0.00000	6.31500
NODE	17920	-0.56000	-0.28000	6.31500
NODE	17921	-0.56000	-0.56000	6.31500
NODE	17922	-0.28000	-0.56000	6.31500
NODE	17923	0.00000	-0.56000	6.31500
NODE	17924	0.28000	-0.56000	6.31500
NODE	17925	0.56000	-0.56000	6.31500
NODE	17926	0.56000	-0.28000	6.31500
NODE	17991	0.00000	-3.33000	6.31500
NODE	17992	0.00000	-2.22000</	

NODE	18024	0.48770	-0.56000	7.51100
NODE	18025	0.09670	-0.53000	7.34740
NODE	18026	0.00000	-0.28000	6.81600
NODE	18591	0.00000	-3.60000	7.25500
NODE	18592	0.00000	-2.22000	7.56500
NODE	18593	0.00000	-1.11000	7.56500
NODE	18598	0.00000	0.00000	7.56500
NODE	18599	0.00000	2.22000	7.56500
NODE	18600	0.00000	3.33000	6.81600
NODE	18601	-6.50000	-3.33000	6.81600
NODE	18602	-6.50000	-2.22000	8.81600
NODE	18603	-6.50000	-1.11000	8.81600
NODE	18604	-6.50000	-0.55500	8.81600
NODE	18605	-6.50000	0.00000	8.81600
NODE	18606	-6.50000	0.55500	6.81600
NODE	18607	-6.50000	1.11000	6.81600
NODE	18608	-6.50000	2.22000	6.81600
NODE	18609	-6.50000	3.33000	8.81600
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NODE	18613	-4.50000	-1.11000	8.81600
NODE	18614	-4.50000	-0.55500	8.81600
NODE	18615	-4.50000	0.00000	8.81600
NODE	18616	-4.50000	0.55500	8.81600
NODE	18617	-4.50000	1.11000	6.81600
NODE	18618	-4.50000	2.22000	6.81600
NODE	18619	-4.50000	3.33000	6.81600
NODE	18621	-2.30970	-3.33000	6.02170
NODE	18622	-2.30970	-2.22000	6.02170
NODE	18623	-2.30970	-1.11000	6.02170
NODE	18624	-2.30970	-0.55500	6.02170
NODE	18625	-2.30970	0.00000	6.02170
NODE	18626	-2.30970	0.55500	6.02170
NODE	18627	-2.30970	1.11000	6.02170
NODE	18628	-2.30970	2.22000	6.02170
NODE	18629	-2.30970	3.33000	6.02170
NODE	18631	-1.76780	-3.33000	6.83280
NODE	18632	-1.76780	-2.22000	6.83280
NODE	18633	-1.76780	-1.11000	6.83280
NODE	18634	-1.76780	-0.55500	6.83280
NODE	18635	-1.76780	0.00000	6.83280
NODE	18636	-1.76780	0.55500	6.83280
NODE	18637	-1.76780	1.11000	6.83280
NODE	18638	-1.76780	2.22000	6.83280
NODE	18639	-1.76780	3.33000	6.83280
NODE	18641	-0.95670	-3.33000	7.21270
NODE	18642	-0.95670	-2.22000	7.21270
NODE	18643	-0.95670	-1.11000	7.21270
NODE	18647	-0.95670	0.00000	7.21270
NODE	18648	-0.95670	2.22000	7.21270
NODE	18649	-0.95670	3.33000	7.21270
NODE	18701	6.50000	-3.33000	6.81600
NODE	18702	6.50000	-2.22000	8.81600
NODE	18703	6.50000	-1.11000	8.81600
NODE	18704	6.50000	-0.55500	8.81600
NODE	18705	6.50000	0.00000	8.81600
NODE	18706	6.50000	0.55500	6.81600
NODE	18707	6.50000	1.11000	6.81600
NODE	18708	6.50000	2.22000	6.81600
NODE	18709	6.50000	3.33000	6.81600
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NODE	18713	4.50000	-1.11000	8.81600
NODE	18714	4.50000	-0.55500	8.81600
NODE	18715	4.50000	0.00000	8.81600
NODE	18716	4.50000	0.55500	8.81600
NODE	18717	4.50000	1.11000	8.81600
NODE	18718	4.50000	2.22000	8.81600
NODE	18719	4.50000	3.33000	8.81600
NODE	18721	2.30970	-3.33000	6.02170
NODE	18722	2.30970	-2.22000	6.02170
NODE	18723	2.30970	-1.11000</	

NODE	18747	0.95670	1.11090	7.37470
NODE	18748	0.95670	2.22300	8.81500
NODE	18749	0.95670	3.33600	7.37470
NODE	19100	0.95670	0.95670	8.81500
NODE	19011	1.50600	0.00300	8.81500
NODE	19012	1.50600	0.28030	8.81500
NODE	19013	1.50600	0.56000	8.81500
NODE	19014	0.48770	0.56000	8.81500
NODE	19015	0.00300	0.56000	8.81500
NODE	19016	-1.50600	0.56000	8.81500
NODE	19017	-1.50930	0.56000	8.81500
NODE	19018	-1.50930	0.28000	8.81500
NODE	19019	-1.50930	0.00000	8.81500
NODE	19020	-1.50930	-0.28000	8.81500
NODE	19021	-1.50930	-0.56000	8.81500
NODE	19022	-1.50930	-0.56000	8.81500
NODE	19023	0.00300	-0.56000	8.81500
NODE	19024	0.48770	-0.56000	8.81500
NODE	19025	1.50000	-0.56000	8.81500
NODE	19026	1.50000	-0.28000	8.81500
NODE	19591	0.00000	-3.33000	8.81500
NODE	19592	0.00000	-2.22000	8.81500
NODE	19593	0.00000	-1.11000	8.81500
NODE	19597	0.00000	1.11000	8.81500
NODE	19598	0.00000	2.22000	8.81500
NODE	19599	0.00000	3.33000	8.81500
NODE	19601	-0.56000	-3.33000	8.81500
NODE	19602	-0.56000	-2.22000	8.81500
NODE	19603	-0.56000	-1.11000	8.81500
NODE	19604	-0.56000	-0.55500	8.81500
NODE	19605	-0.56000	0.00000	8.81500
NODE	19606	-0.56000	0.55500	8.81500
NODE	19607	-0.56000	1.11000	8.81500
NODE	19608	-0.56000	2.22000	8.81500
NODE	19609	-0.56000	3.33000	8.81500
NODE	19611	-3.30000	-3.33000	8.81500
NODE	19612	-3.00000	-2.22000	8.81500
NODE	19613	-3.50000	-1.11000	8.81500
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NODE	19615	-3.50000	0.00000	8.81500
NODE	19616	-3.50000	0.55500	8.81500
NODE	19617	-3.50000	1.11000	8.81500
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NODE	19619	-3.50000	3.33000	8.81500
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NODE	19629	-1.50000	3.33000	8.81500
NODE	19701	6.50000	-3.33000	8.81500
NODE	19702	6.50000	-2.22000	8.81500
NODE	19703	6.50000	-1.11000	8.81500
NODE	19704	6.50000	-0.55500	8.81500
NODE	19705	6.50000	0.00000	8.81500
NODE	19706	6.50000	0.55500	8.81500
NODE	19707	6.50000	1.11000	8.81500
NODE	19708	6.50000	2.22000	8.81500
NODE	19709	6.50000	3.33000	8.81500
NODE	19712	3.50000	-3.33000	8.81500
NODE	19713	3.50000	-2.22000	8.81500
NODE	19714	3.50000	-1.11000	8.81500
NODE	19715	3.50000	-0.55500	8.81500
NODE	19716	3.50000	0.00000	8.81500
NODE	19717	3.50000	0.55500	8.81500
NODE	19718	3.50000	1.11000	8.81500
NODE	19719	3.50000	2.22000	8.81500
NODE	19721	1.50000	3.33000	8.81500
NODE	19722	1.50000	2.22000	8.81500
NODE	19723	1.50000	1.11000	8.81500
NODE	19727	1.50000	1.11000	8.81500
NODE	19728	1.50000	2.22000</	

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NODE 20592 0.00000 -2.22000 11.31500
NODE 20593 0.00000 -1.11000 11.31500
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NODE 20598 0.00000 2.22000 11.31500
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NODE 20614 -3.50000 -0.55500 11.31500
NODE 20615 -3.50000 0.00000 11.31500
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NODE 20618 -3.50000 2.22000 11.31500
NODE 20619 -3.50000 3.33000 11.31500
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NODE 20622 -1.50000 -2.22000 11.31500
NODE 20623 -1.50000 -1.11000 11.31500
NODE 20627 -1.50000 -1.11000 11.31500
NODE 20628 -1.50000 2.22000 11.31500
NODE 20629 -1.50000 3.33000 11.31500
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NODE 20702 6.50000 -2.22000 11.31500
NODE 20703 6.50000 -1.11000 11.31500
NODE 20704 6.50000 -0.55500 11.31500
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NODE 20708 6.50000 2.22000 11.31500
NODE 20709 6.50000 3.33000 11.31500
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NODE 20712 3.50000 -2.22000 11.31500
NODE 20713 3.50000 -1.11000 11.31500
NODE 20714 3.50000 -0.55500 11.31500
NODE 20715 3.50000 0.00000 11.31500
NODE 20716 3.50000 0.55500 11.31500
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NODE 20718 3.50000 2.22000 11.31500
NODE 20719 3.50000 3.33000 11.31500
NODE 20721 1.50000 -3.33000 11.31500
NODE 20722 1.50000 -2.22000 11.31500
NODE 20723 1.50000 -1.11000 11.31500
NODE 20727 1.50000 -1.11000 11.31500
NODE 20728 1.50000 2.22000 11.31500
NODE 20729 1.50000 3.33000 11.31500
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NODE 21608 -6.50000 2.22000 15.06500
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NODE 21612 -3.50000 -2.22000 15.06500
NODE 21613 -3.50000 -1.11000 15.06500

NODE 21614 -3.50000 -0.55500 15.06500
NODE 21615 -3.50000 0.00000 15.06500
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NODE 21618 -3.50000 2.22000 15.06500
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NODE 21702 6.50000 -2.22000 15.06500
NODE 21703 6.50000 -1.11000 15.06500
NODE 21704 6.50000 -0.55500 15.06500
NODE 21705 6.50000 0.00000 15.06500
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NODE 21708 6.50000 2.22000 15.06500
NODE 21709 6.50000 3.33000 15.06500
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NODE 21712 3.50000 -2.22000 15.06500
NODE 21713 3.50000 -1.11000 15.06500
NODE 21714 3.50000 -0.55500 15.06500
NODE 21715 3.50000 0.00000 15.06500
NODE 21716 3.50000 0.55500 15.06500
NODE 21717 3.50000 1.11000 15.06500
NODE 21718 3.50000 2.22000 15.06500
NODE 21719 3.50000 3.33000 15.06500
NODE 21721 1.50000 -3.33000 15.06500
NODE 21722 1.50000 -2.22000 15.06500
NODE 21723 1.50000 -1.11000 15.06500
NODE 21727 1.50000 -1.11000 15.06500
NODE 21728 1.50000 2.22000 15.06500
NODE 21729 1.50000 3.33000 15.06500
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NODE 30011 0.22000 0.00000 4.05500
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NODE 30013 0.15560 0.15560 4.05500
NODE 30014 0.08420 0.20330 4.05500
NODE 30015 0.00000 0.22000 4.05500
NODE 30016 -0.08420 0.20330 4.05500
NODE 30017 -0.15560 0.15560 4.05500
NODE 30018 0.08420 0.08420 4.05500
NODE 30019 -0.22000 0.00000 4.05500
NODE 30020 -0.20330 -0.08420 4.05500
NODE 30021 -0.15560 -0.15560 4.05500
NODE 30022 -0.08420 -0.20330 4.05500
NODE 30023 0.00000 -0.22000 4.05500
NODE 30024 0.08420 -0.20330 4.05500
NODE 30025 0.15560 -0.15560 4.05500
NODE 30026 0.20330 -0.08420 4.05500
NODE 30111 0.31000 0.00000 3.81500
NODE 30112 0.28640 0.11860 3.81500
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NODE 30114 0.11860 0.28640 3.81500
NODE 30115 0.00000 0.31000 3.81500
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NODE 30117 -0.21920 0.21920 3.81500
NODE 30118 -0.28640 0.11860 3.81500
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NODE 30123 0.00000 -0.31000 3.81500
NODE 30124 0.11860 -0.28640 3.81500
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NODE 30126 0.28640 -0.11860 3.81500
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NODE 30223 -0.00000 -0.41000 3.81500
NODE 30224 0.15590 0.37880 3.81500
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NODE 30226 0.37880 0.15590 3.81500
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NODE 30314 0.19520 0.47120 3.81500
NODE 30315 0.00000 0.51000 3.81500

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NODE 30320 -0.47120 -0.19520 3.81500
NODE 30321 -0.35000 -0.35000 3.81500
NODE 30322 -0.19520 -0.47120 3.81500
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NODE 30324 0.19520 0.47120 3.81500
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NODE 31021 -0.28990 -0.28990 4.31500
NODE 31022 -0.15590 -0.37880 4.31500
NODE 31023 0.00000 -0.41000 4.31500
NODE 31024 0.15590 0.37880 4.31500
NODE 31025 0.28990 0.28990 4.31500
NODE 31026 0.37880 0.15590 4.31500
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NODE 31112 0.70210 0.29080 4.31500
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NODE 31114 0.29080 0.70210 4.31500
NODE 31115 0.00000 0.76000 4.31500
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NODE 31117 -0.53740 0.53740 4.31500
NODE 31118 -0.70210 0.29080 4.31500
NODE 31119 -0.76000 0.00000 4.31500
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NODE 31122 -0.29080 -0.70210 4.31500
NODE 31123 0.00000 -0.76000 4.31500
NODE 31124 0.29080 -0.70210 4.31500
NODE 31125 0.53740 -0.53740 4.31500
NODE 31126 0.70210 -0.70210 4.31500
NODE 32010 0.00000 0.00000 4.81500
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NODE 32013 0.28990 0.28990 4.81500
NODE 32014 0.15590 0.37880 4.81500
NODE 32015 0.00000 0.41000 4.81500
NODE 32016 -0.15590 0.37880 4.81500
NODE 32017 -0.28990 0.28990 4.81500
NODE 32018 -0.37880 0.15590 4.81500
NODE 32019 -0.41000 0.00000 4.81500
NODE 32020 -0.37880 -0.15590 4.81500
NODE 32021 -0.28990 -0.28990 4.81500
NODE 32022 -0.15590 -0.37880 4.81500
NODE 32023 0.00000 -0.41000 4.81500
NODE 32024 0.15590 0.37880 4.81500
NODE 32025 0.28990 0.28990 4.81500
NODE 32026 0.37880 0.15590 4.81500
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NODE 32112 0.70210 0.29080 4.81500
NODE 32113 0.53740 0.53740 4.81500
NODE 32114 0.29080 0.70210 4.81500
NODE 32115 0.00000 0.76000 4.81500
NODE 32116 -0.29080 0.70210 4.81500
NODE 32117 -0.53740 0.53740 4.81500
NODE 32118 0.70210 0.29080 4.81500
NODE 32119 -0.76000 0.00000 4.81500
NODE 32120 -0.70210 -0.29080 4.81500
NODE 32121 -0.53740 -0.53740 4.81500
NODE 32122 -0.29080 -0.70210 4.81500
NODE 32123 0.00000 -0.76000 4.81500
NODE 32124 0.29080 0.70210 4.81500
NODE 32125 0.53740 0.53740 4.81500

MATR NTRLIEXAS 101 1 8.036e+10 0.25 C
NTRLIEXAS 201 1 2.058e+11 0.30 C
NTRLIEXAS 301 1 2 2.388e+8 0.20 C
NTRLIEXAS 401 1 2.02 1.92 C
NTRLIEXAS 401 1 7.605e+19 0.359 C
NTRLIEXAS 401 1 13.618 2.467e-5 C

WTALINEX#	801	1	2	2.388e+8	0.20		
					1.678e+4		0.0013
				2.02	1.92		
WTALINEX#	802	1		1.612e+8	1.0e-10	1.0e-10	0.0
WTALINEX#	803	1		5.133e+9	1.0e-10	1.0e-10	0.0
WTALVINE#	902	1	6	7.605e+9	0.369		
				2.156e+4			
				13.618	2.467e-5		
WTALVINE#	901	1	5	7.605e+9	0.369		
				2.156e+4			
				13.618	2.467e-5		

		13.618		2.467e-5						
ELEM	1001HEKAS	101	8010	8011	8012	8010	8011	8012	8010	
ELEM	1002HEKAS	101	8010	8012	8013	8010	9010	8012	9013	9010
ELEM	1003HEKAS	101	8010	8013	8014	8010	9010	8013	9014	9010
ELEM	1004HEKAS	101	8010	8014	8015	8010	9010	8014	9015	9010
ELEM	1005HEKAS	101	8010	8015	8016	8010	9010	8015	9016	9010
ELEM	1006HEKAS	101	8010	8016	8017	8010	9010	8016	9017	9010
ELEM	1007HEKAS	101	8010	8017	8018	8010	9010	8017	9018	9010
ELEM	1008HEKAS	101	8010	8018	8019	8010	9010	8018	9019	9010
ELEM	1009HEKAS	101	8010	8019	8020	8010	9010	8019	9020	9010
ELEM	1010HEKAS	101	8010	8020	8021	8010	9010	8020	9021	9010
ELEM	1011HEKAS	101	8010	8021	8022	8010	9010	8021	9022	9010
ELEM	1012HEKAS	101	8010	8022	8023	8010	9010	8022	9023	9010
ELEM	1013HEKAS	101	8010	8023	8024	8010	9010	8023	9024	9010
ELEM	1014HEKAS	101	8010	8024	8025	8010	9010	8024	9025	9010
ELEM	1015HEKAS	101	8010	8025	8026	8010	9010	8025	9026	9010
ELEM	1016HEKAS	101	8010	8026	8027	8010	9010	8026	9027	9010
ELEM	1017HEKAS	101	8010	8027	8028	8010	9010	8027	9028	9010
ELEM	1018HEKAS	101	8010	8028	8029	8010	9010	8028	9029	9010
ELEM	1019HEKAS	101	8010	8029	8030	8010	9010	8029	9030	9010
ELEM	1020HEKAS	101	8010	8030	8031	8010	9010	8030	9031	9010
ELEM	1021HEKAS	101	8010	8031	8032	8010	9010	8031	9032	9010
ELEM	1022HEKAS	101	8010	8032	8033	8010	9010	8032	9033	9010
ELEM	1023HEKAS	101	8010	8033	8034	8010	9010	8033	9034	9010
ELEM	1024HEKAS	101	8010	8034	8035	8010	9010	8034	9035	9010
ELEM	1025HEKAS	101	8010	8035	8036	8010	9010	8035	9036	9010
ELEM	1026HEKAS	101	8010	8036	8037	8010	9010	8036	9037	9010
ELEM	1027HEKAS	101	8010	8037	8038	8010	9010	8037	9038	9010
ELEM	1028HEKAS	101	8010	8038	8039	8010	9010	8038	9039	9010
ELEM	1029HEKAS	101	8010	8039	8040	8010	9010	8039	9040	9010
ELEM	1030HEKAS	101	8010	8040	8041	8010	9010	8040	9041	9010
ELEM	1031HEKAS	101	8010	8041	8042	8010	9010	8041	9042	9010
ELEM	1032HEKAS	101	8010	8042	8043	8010	9010	8042	9043	9010
ELEM	1033HEKAS	101	8010	8043	8044	8010	9010	8043	9044	9010
ELEM	1034HEKAS	101	8010	8044	8045	8010	9010	8044	9045	9010
ELEM	1035HEKAS	101	8010	8045	8046	8010	9010	8045	9046	9010
ELEM	1036HEKAS	101	8010	8046	8047	8010	9010	8046	9047	9010
ELEM	1037HEKAS	101	8010	8047	8048	8010	9010	8047	9048	9010
ELEM	1038HEKAS	101	8010	8048	8049	8010	9010	8048	9049	9010
ELEM	1039HEKAS	101	8010	8049	8050	8010	9010	8049	9050	9010
ELEM	1040HEKAS	101	8010	8050	8051	8010	9010	8050	9051	9010
ELEM	1041HEKAS	101	8010	8051	8052	8010	9010	8051	9052	9010
ELEM	1042HEKAS	101	8010	8052	8053	8010	9010	8052	9053	9010
ELEM	1043HEKAS	101	8010	8053	8054	8010	9010	8053	9054	9010
ELEM	1044HEKAS	101	8010	8054	8055	8010	9010	8054	9055	9010
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ELEM	1046HEKAS	101	8010	8056	8057	8010	9010	8056	9057	9010
ELEM	1047HEKAS	101	8010	8057	8058	8010	9010	8057	9058	9010
ELEM	1048HEKAS	101	8010	8058	8059	8010	9010	8058	9059	9010
ELEM	1049HEKAS	101	8010	8059	8060	8010	9010	8059	9060	9010
ELEM	1050HEKAS	101	8010	8060	8061	8010	9010	8060	9061	9010
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ELEM	1052HEKAS	101	8010	8062	8063	8010	9010	8062	9063	9010
ELEM	1053HEKAS	101	8010	8063	8064	8010	9010	8063	9064	9010
ELEM	1054HEKAS	101	8010	8064	8065	8010	9010	8064	9065	9010
ELEM	1055HEKAS	101	8010	8065	8066	8010	9010	8065	9066	9010
ELEM	1056HEKAS	101	8010	8066	8067	8010	9010	8066	9067	9010
ELEM	1057HEKAS	101	8010	8067	8068	8010	9010	8067	9068	9010
ELEM	1058HEKAS	101	8010	8068	8069	8010	9010	8068	9069	9010
ELEM	1059HEKAS	101	8010	8069	8070	8010	9010	8069	9070	9010
ELEM	1060HEKAS	101	8010	8070	8071	8010	9010	8070	9071	9010
ELEM	1061HEKAS	101	8010	8071	8072	8010	9010	8071	9072	9010
ELEM	1062HEKAS	101	8010	8072	8073	8010	9010	8072	9073	9010
ELEM	1063HEKAS	101	8010	8073	8074	8010	9010	8073	9074	9010
ELEM	1064HEKAS	101	8010	8074	8075	8010	9010	8074	9075	9010
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ELEM	1066HEKAS	101	8010	8076	8077	8010	9010	8076	9077	9010
ELEM	1067HEKAS	101	8010	8077	8078	8010	9010	8077	9078	9010
ELEM	1068HEKAS	101	8010	8078	8079	8010	9010	8078	9079	9010
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ELEM	1070HEKAS	101	8010	8080	8081	8010	9010	8080	9081	9010
ELEM	1071HEKAS	101	8010	8081	8082	8010	9010	8081	9082	9010
ELEM	1072HEKAS	101	8010	8082	8083	8010	9010	8082	9083	9010
ELEM	1073HEKAS	101	8010	8083	8084	8010	9010	8083	9084	9010
ELEM	1074HEKAS	101	8010	8084	8085	8010	9010	8084	9085	9010
ELEM	1075HEKAS	101	8010	8085	8086	8010	9010	8085	9086	9010
ELEM	1076HEKAS	101	8010	8086	8087	8010	9010	8086	9087	9010
ELEM	1077HEKAS	101	8010	8087	8088	8010	9010	8087	9088	9010
ELEM	1078HEKAS	101	8010	8088	8089	8010	9010	8088	9089	9010
ELEM	1079HEKAS	101	8010	8089	8090	8010	9010	8089	9090	9010
ELEM	1080HEKAS	101	8010	8090	8091	8010	9010	8090	9091	9010
ELEM	1081HEKAS	101	8010	8091	8092	8010	9010	8091	9092	9010
ELEM	1082HEKAS	101	8010	8092	8093	8010	9010	8092	9093	9010
ELEM	1083HEKAS	101	8010	8093	8094	8010	9010	8093	9094	9010
ELEM	1084HEKAS	101	8010	8094	8095	8010	9010	8094	9095	9010
ELEM	1085HEKAS	101	8010	8095	8096	8010	9010	8095	9096	9010
ELEM	1086HEKAS	101	8010	8096	8097	8010	9010	8096	9097	9010
ELEM	1087HEKAS	101	8010	8097	8098	8010	9010	8097	9098	9010
ELEM	1088HEKAS	101	8010	8098	8099	8010	9010	8098	9099	9010
ELEM	1089HEKAS	101	8010	8099	8100	8010	9010	8099	9100	9010
ELEM	1090HEKAS	101	8010	8100	8101	8010	9010	8100	9101	9010
ELEM	1091HEKAS	101	8010	8101	8102	8010	9010	8101	9102	9010
ELEM	1092HEKAS	101	8010	8102	8103	8010	9010	8102	9103	9010
ELEM	1093HEKAS	101	8010	8103	8104	8010	9010	8103	9104	9010
ELEM	1094HEKAS	101	8010	8104	8105	8010	9010	8104	9105	9010
ELEM	1095HEKAS	101	8010	8105	8106	8010	9010	8105	9106	9010
ELEM	1096HEKAS	101	8010	8106	8107	8010	9010	8106	9107	9010
ELEM	1097HEKAS	101	8010	8107	8108	8010	9010	8107	9108	9010
ELEM	1098HEKAS	101	8010	8108	8109	8010	9010	8108	9109	9010
ELEM	1099HEKAS	101	8010	8109	8110	8010	9010	8109	9110	9010
ELEM	1100HEKAS	101	8010	8110	8111	8010	9010	8110	9111	9010
ELEM	1101HEKAS	101	8010	8111	8112	8010	9010	8111	9112	9010
ELEM	1102HEKAS	101	8010	8112	8113	8010	9010	8112	9113	9010
ELEM	1103HEKAS	101	8010	8113	8114	8010	9010	8113	9114	9010
ELEM	1104HEKAS	101	8010	8114	8115	8010	9010	8114	9115	9010
ELEM	1105HEKAS	101	8010	8115	8116	8010	9010	8115	9116	9010
ELEM	1106HEKAS	101	8010	8116	8117	8010	9010	8116	9117	9010
ELEM	1107HEKAS	101	8010	8117	8118	8010	9010	8117	9118	9010
ELEM	1108HEKAS	101	8010	8118	8119	8010	9010	8118	9119	9010
ELEM	1109HEKAS	101	8010	8119	8120	8010	9010	8119	9120	9010
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ELEM	1111HEKAS	101	8010	8121	8122	8010	9010	8121	9122	9010
ELEM	1112HEKAS	101	8010	8122	8123	8010	9010	8122	9123	9010
ELEM	1113HEKAS	101	8010	8123	8124	8010	9010	8123	9124	9010
ELEM	1114HEKAS	101	8010	8124	8125	8010	9010	8124	9125	9010
ELEM	1115HEKAS	101	8010	8125	8126	8010	9010	8125	9126	9010
ELEM	1116HEKAS	101	8010	8126	8127	8010	9010	8126	9127	9010
ELEM	1117HEKAS	101	8010	8127	8128	8010	9010	8127	9128	9010
ELEM	1118HEKAS	101	8010	8128	8129	8010	9010	8128	9129	9010
ELEM	1119HEKAS	101	8010	8129	8130	8010	9010	8129	9130	9010
ELEM	1120HEKAS	101	8010	8130	8131	8010	9010	8130	9131	9010
ELEM	1121HEKAS	101	8010	8131	8132	8010	9010	8131	9132	9010
ELEM										

ELEN	2046HXKAS	201	7174	7274	7276	715	8124	822	8275	8125
ELEN	2047HXKAS	201	7175	7277	7276	7176	8125	8276	7176	8128
ELEN	2048HXKAS	201	7176	7276	7261	7161	8126	8276	8261	811
ELEN	2049HXKAS	201	8011	8111	8112	8012	9111	9112	9112	9012
ELEN	2050HXKAS	201	8012	8112	8113	8013	9012	9112	9113	9013
ELEN	2051HXKAS	201	8013	8113	8114	8014	9013	9113	9114	9014
ELEN	2052HXKAS	201	8014	8114	8115	8015	9014	9114	9115	9015
ELEN	2053HXKAS	201	8015	8115	8116	8016	9015	9115	9116	9016
ELEN	2054HXKAS	201	8016	8116	8117	8017	9016	9116	9117	9017
ELEN	2055HXKAS	201	8017	8117	8118	8018	9017	9117	9118	9018
ELEN	2056HXKAS	201	8018	8118	8119	8019	9018	9118	9119	9019
ELEN	2057HXKAS	201	8019	8119	8120	8020	9019	9119	9120	9020
ELEN	2058HXKAS	201	8020	8120	8121	8021	9020	9120	9121	9021
ELEN	2059HXKAS	201	8021	8121	8122	8022	9021	9121	9122	9022
ELEN	2060HXKAS	201	8022	8122	8123	8023	9022	9122	9123	9023
ELEN	2061HXKAS	201	8023	8123	8124	8024	9023	9123	9124	9024
ELEN	2062HXKAS	201	8024	8124	8125	8025	9024	9124	9125	9025
ELEN	2063HXKAS	201	8025	8125	8126	8026	9025	9125	9126	9026
ELEN	2064HXKAS	201	8026	8126	8127	8027	9026	9126	9127	9027
ELEN	2065HXKAS	201	8111	8261	8262	8112	9126	9261	9127	9262
ELEN	2065HXKAS	201	8111	8262	8263	8113	9126	9262	9263	9127
ELEN	2066HXKAS	201	8113	8263	8264	8114	9126	9263	9264	9128
ELEN	2066HXKAS	201	8114	8264	8265	8115	9126	9264	9265	9128
ELEN	2067HXKAS	201	8115	8265	8266	8116	9126	9265	9266	9128
ELEN	2068HXKAS	201	8116	8266	8267	8117	9126	9266	9267	9129
ELEN	2071HXKAS	201	8117	8267	8268	8118	9127	9267	9268	9118
ELEN	2072HXKAS	201	8118	8268	8269	8119	9128	9268	9269	9119
ELEN	2073HXKAS	201	8119	8269	8270	8120	9128	9269	9270	9120
ELEN	2074HXKAS	201	8120	8270	8271	8121	9129	9270	9271	9121
ELEN	2075HXKAS	201	8121	8271	8272	8122	9129	9271	9272	9122
ELEN	2076HXKAS	201	8122	8272	8273	8123	9129	9272	9273	9123
ELEN	2077HXKAS	201	8123	8273	8274	8124	9130	9273	9274	9124
ELEN	2078HXKAS	201	8124	8274	8275	8125	9124	9274	9275	9125
ELEN	2079HXKAS	201	8125	8275	8276	8126	9125	9275	9276	9126
ELEN	2080HXKAS	201	8126	8276	8268	8111	9126	9276	9261	911
ELEN	2081HXKAS	201	9011	9111	9112	901210101	10111101110112100112			
ELEN	2082HXKAS	201	9012	9112	9113	901310101	101120113100113			
ELEN	2083HXKAS	201	9013	9113	9114	901410101	101130114100114			
ELEN	2084HXKAS	201	9014	9114	9115	901510101	101140115010115			
ELEN	2085HXKAS	201	9015	9115	9116	901610101	101150116010116			
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ELEN	2086HXKAS	201	9017	9117	9118	901810101	101170118010118			
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ELEN	2089HXKAS	201	9019	9119	9120	902010101	101190120010120			
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ELEN	2094HXKAS	201	9024	9124	9125	902510261041	10241015102635			
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ELEN	2104HXKAS	201	9118	9268	9269	9119101102626102691019	100111011			
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ELEN	2107HXKAS	201	9121	9271	9272	9122102102710272102122	100111011			
ELEN	2108HXKAS	201	9122	9272	9273	91231021027210273102123	100111011			
ELEN	2109HXKAS	201	9123	9273	9274	91241021027310274102124	100111011			
ELEN	2110HXKAS	201	9124	9274	9275	912510102102741027510125	100111011			
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ELEN	2130HXKAS	201	9144	9279	9280	912802626102800128	100111011			
ELEN	2131HXKAS	201	9145	9280	9281	912902626102810129	100111011			
ELEN	2132HXKAS	201	9146	9281	9282	913002626102820130	100111011			
ELEN	2133HXKAS	201	9147	9282	9283	913102626102830131	100111011			
ELEN	2134HXKAS	201	9148	9283	9284	913202626102840132	100111011			
ELEN	2135HXKAS	201	9149	9284	9285	913302626102850133	100111011			
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ELEN	2144HXKAS	201	9158	9293	9294	914202626102940142	100111011			
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ELEN	2148HXKAS	201	9162	9297	9298	914602626102980146	100111011			
ELEN	2149HXKAS	201	9163	9298	9299	914702626102990147	100111011			
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ELEN	2151HXKAS	201	9165	9300	9301	914902626103010149	100111011			
ELEN	2152HXKAS	201	9166	9301	9302	915002626103020150	100111011			
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ELEN	2171HXKAS	201	9185	9320	9321	916902626103210169	100111011			
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ELEM	21352HEXAR	2010020101010121010211021	10701107011107111071
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ELEM	21570HEXAR	2010012310273102741012411731	127311273112741173
ELEM	21580HEXAR	2010012410274102751012511741	127411274112751174
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ELEM	21600HEXAR	201001261027602610101111761	127611276112771161
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ELEM	30002HEXAR	30105005025052505050050	6010601060106010601060
ELEM	30004HEXAR	30105005045054505050050	6010601060106010601060
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ELEM	30006HEXAR	301050050850585057505050	6010601060106010601060
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ELEM	30009HEXAR	30105060505050505050500	6010601060106010601060
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ELEM	30013HEXAR	30105060507250735050500	6010601060106010601060
ELEM	30014HEXAR	30105060507350745050500	6010601060106010601060
ELEM	30015HEXAR	30105060507450755050500	6010601060106010601060
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ELEM	30021HEXAR	30105065516551665050500	601561165601561601561
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ELEM	30026HEXAR	301050705171517250	
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ELEM 2236JNHEXS 802 7396 7397 8397 8396 7346 7347 8347 8396
ELEM 2237JNHEXS 802 7397 7398 8398 8397 7347 7348 8348 8397
ELEM 2238JNHEXS 802 7398 7399 8399 8398 7348 7349 8349 8398
ELEM 2239JNHEXS 802 7399 7400 8400 8399 7349 7400 8400 8399
ELEM 2240JNHEXS 802 7400 7401 8401 8400 7400 7401 8401 8400
ELEM 2241JNHEXS 802 7401 7402 8402 8401 7401 7402 8402 8401
ELEM 2242JNHEXS 802 7402 7403 8403 8402 7402 7403 8403 8402
ELEM 2243JNHEXS 802 7403 7404 8404 8403 7403 7404 8404 8403
ELEM 2244JNHEXS 802 7404 7405 8405 8404 7404 7405 8405 8404
ELEM 2245JNHEXS 802 7405 7406 8406 8405 7405 7406 8406 8405
ELEM 2246JNHEXS 802 7406 7407 8407 8406 7406 7407 8407 8406
ELEM 2247JNHEXS 802 7407 7408 8408 8407 7407 7408 8408 8407
ELEM 2248JNHEXS 802 7408 7409 8409 8408 7408 7409 8409 8408
ELEM 2249JNHEXS 802 7409 7410 8410 8409 7409 7410 8410 8409
ELEM 2250JNHEXS 802 7410 7411 8411 8410 7410 7411 8411 8410
ELEM 2251JNHEXS 802 7411 7412 8412 8411 7411 7412 8412 8411
ELEM 2252JNHEXS 802 7412 7413 8413 8412 7412 7413 8413 8412
ELEM 2253JNHEXS 802 7413 7414 8414 8413 7413 7414 8414 8413
ELEM 2254JNHEXS 802 7414 7415 8415 8414 7414 7415 8415 8414
ELEM 2255JNHEXS 802 7415 7416 8416 8415 7415 7416 8416 8415
ELEM 2256JNHEXS 802 7416 7417 8417 8416 7416 7417 8417 8416
ELEM 2257JNHEXS 802 7417 7418 8418 8417 7417 7418 8418 8417
ELEM 2258JNHEXS 802 7418 7419 8419 8418 7418 7419 8419 8418
ELEM 2259JNHEXS 802 7419 7420 8420 8419 7419 7420 8420 8419
ELEM 2260JNHEXS 802 7420 7421 8421 8420 7420 7421 8421 8420
ELEM 2261JNHEXS 802 7421 7422 8422 8421 7421 7422 8422 8421
ELEM 2262JNHEXS 802 7422 7423 8423 8422 7422 7423 8423 8422
ELEM 2263JNHEXS 802 7423 7424 8424 8423 7423 7424 8424 8423
ELEM 2264JNHEXS 802 7424 7425 8425 8424 7424 7425 8425 8424
ELEM 2265JNHEXS 802 7425 7426 8426 8425 7425 7426 8426 8425
ELEM 2266JNHEXS 802 7426 7427 8427 8426 7426 7427 8427 8426
ELEM 2267JNHEXS 802 7427 7428 8428 8427 7427 7428 8428 8427
ELEM 2268JNHEXS 802 7428 7429 8429 8428 7428 7429 8429 8428
ELEM 2269JNHEXS 802 7429 7430 8430 8429 7429 7430 8430 8429
ELEM 2270JNHEXS 802 7430 7431 8431 8430 7430 7431 8431 8430
ELEM 2271JNHEXS 802 7431 7432 8432 8431 7431 7432 8432 8431
ELEM 2272JNHEXS 802 7432 7433 8433 8432 7432 7433 8433 8432
ELEM 2273JNHEXS 802 7433 7434 8434 8433 7433 7434 8434 8433
ELEM 2274JNHEXS 802 7434 7435 8435 8434 7434 7435 8435 8434
ELEM 2275JNHEXS 802 7435 7436 8436 8435 7435 7436 8436 8435
ELEM 2276JNHEXS 802 7436 7437 8437 8436 7436 7437 8437 8436
ELEM 2277JNHEXS 802 7437 7438 8438 8437 7437 7438 8438 8437
ELEM 2278JNHEXS 802 7438 7439 8439 8438 7438 7439 8439 8438
ELEM 2279JNHEXS 802 7439 7440 8440 8439 7439 7440 8440 8439
ELEM 2280JNHEXS 802 7440 7441 8441 8440 7440 7441 8441 8440
ELEM 2281JNHEXS 802 7441 7442 8442 8441 7441 7442 8442 8441
ELEM 2282JNHEXS 802 7442 7443 8443 8442 7442 7443 8443 8442
ELEM 2283JNHEXS 802 7443 7444 8444 8443 7443 7444 8444 8443
ELEM 2284JNHEXS 802 7444 7445 8445 8444 7444 7445 8445 8444
ELEM 2285JNHEXS 802 7445 7446 8446 8445 7445 7446 8446 8445
ELEM 2286JNHEXS 802 7446 7447 8447 8446 7446 7447 8447 8446
ELEM 2287JNHEXS 802 7447 7448 8448 8447 7447 7448 8448 8447
ELEM 2288JNHEXS 802 7448 7449 8449 8448 7448 7449 8449 8448
ELEM 2289JNHEXS 802 7449 7450 8450 8449 7449 7450 8450 8449
ELEM 2290JNHEXS 802 7450 7451 8451 8450 7450 7451 8451 8450
ELEM 2291JNHEXS 802 7451 7452 8452 8451 7451 7452 8452 8451
ELEM 2292JNHEXS 802 7452 7453 8453 8452 7452 7453 8453 8452
ELEM 2293JNHEXS 802 7453 7454 8454 8453 7453 7454 8454 8453
ELEM 2294JNHEXS 802 7454 7455 8455 8454 7454 7455 8455 8454
ELEM 2295JNHEXS 802 7455 7456 8456 8455 7455 7456 8456 8455
ELEM 2296JNHEXS 802 7456 7457 8457 8456 7456 7457 8457 8456
ELEM 2297JNHEXS 802 7457 7458 8458 8457 7457 7458 8458 8457
ELEM 2298JNHEXS 802 7458 7459 8459 8458 7458 7459 8459 8458
ELEM 2299JNHEXS 802 7459 7460 8460 8459 7459 7460 8460 8459
ELEM 2300JNHEXS 802 7460 7461 8461 8460 7460 7461 8461 8460
ELEM 2301JNHEXS 802 7461 7462 8462 8461 7461 7462 8462 8461
ELEM 2302JNHEXS 802 7462 7463 8463 8462 7462 7463 8463 8462
ELEM 2303JNHEXS 802 7463 7464 8464 8463 7463 7464 8464 8463
ELEM 2304JNHEXS 802 7464 7465 8465 8464 7464 7465 8465 8464
ELEM 2305JNHEXS 802 7465 7466 8466 8465 7465 7466 8466 8465
ELEM 2306JNHEXS 802 7466 7467 8467 8466 7466 7467 8467 8466
ELEM 2307JNHEXS 802 7467 7468 8468 8467 7467 7468 8468 8467
ELEM 2308JNHEXS 802 7468 7469 8469 8468 7468 7469 8469 8468
ELEM 2309JNHEXS 802 7469 7470 8470 8469 7469 7470 8470 8469
ELEM 2310JNHEXS 802 7470 7471 8471 8470 7470 7471 8471 8470
ELEM 2311JNHEXS 802 7471 7472 8472 8471 7471 7472 8472 8471
ELEM 2312JNHEXS 802 7472 7473 8473 8472 7472

[illegible]

MPCS	270700	0.1000E+01	269700	-1.000E+01
MPCS	330700	0.1000E+01	330700	0.000E+00
MPCS	430700	0.1000E+01	430700	-1.000E+01
MPCS	470700	0.1000E+01	460700	-1.000E+01
MPCS	570700	0.1000E+01	560700	-1.000E+01
MPCS	670700	0.1000E+01	660700	-1.000E+01
MPCS	770700	0.1000E+01	760700	-1.000E+01
MPCS	870700	0.1000E+01	860700	-1.000E+01
MPCS	970700	0.1000E+01	950700	-1.000E+01
MPCS	(070700)	0.1000E+01	1060700	-1.000E+01
MPCS	1170700	0.1000E+01	1169700	-1.000E+01
MPCS	1270700	0.1000E+01	1269700	-1.000E+01
MPCS	1370700	0.1000E+01	1360700	-1.000E+01
MPCS	1470700	0.1000E+01	1460700	-1.000E+01
MPCS	1570700	0.1000E+01	1550700	-1.000E+01
MPCS	(670700)	0.1000E+01	1660700	-1.000E+01
MPCS	1770700	0.1000E+01	1760700	-1.000E+01
MPCS	1870700	0.1000E+01	1860700	-1.000E+01
MPCS	1970700	0.1000E+01	1960700	-1.000E+01
MPCS	2070700	0.1000E+01	2060700	-1.000E+01
MPCS	2170700	0.1000E+01	2160700	-1.000E+01
MPCS	2270700	0.1000E+01	2260700	-1.000E+01
MPCS	370800	0.1000E+01	360800	-1.000E+01
MPCS	470800	0.1000E+01	460800	-1.000E+01
MPCS	570800	0.1000E+01	560800	-1.000E+01
MPCS	670800	0.1000E+01	660800	-1.000E+01
MPCS	770800	0.1000E+01	760800	-1.000E+01
MPCS	870800	0.1000E+01	860800	-1.000E+01
MPCS	970800	0.1000E+01	960800	-1.000E+01
MPCS	1070800	0.1000E+01	1060800	-1.000E+01
MPCS	1170800	0.1000E+01	1160800	-1.000E+01
MPCS	1270800	0.1000E+01	1260800	-1.000E+01
MPCS	1370800	0.1000E+01	1360800	-1.000E+01
MPCS	1470800	0.1000E+01	1460800	-1.000E+01
MPCS	(670800)	0.1000E+01	1560800	-1.000E+01
MPCS	(670800)	0.1000E+01	1660800	-1.000E+01
MPCS	1770800	0.1000E+01	1760800	-1.000E+01
MPCS	1870800	0.1000E+01	1860800	-1.000E+01
MPCS	1970800	0.1000E+01	1960800	-1.000E+01
MPCS	2070800	0.1000E+01	2060800	-1.000E+01
MPCS	2170800	0.1000E+01	2160800	-1.000E+01
MPCS	261900	0.1000E+01	261100	-1.000E+01
MPCS	361900	0.1000E+01	361100	-1.000E+01
MPCS	461900	0.1000E+01	461100	-1.000E+01
MPCS	561900	0.1000E+01	561100	-1.000E+01
MPCS	661900	0.1000E+01	661100	-1.000E+01
MPCS	761900	0.1000E+01	761100	-1.000E+01
MPCS	861900	0.1000E+01	861100	-1.000E+01
MPCS	961900	0.1000E+01	961100	-1.000E+01
MPCS	061900	0.1000E+01	1061100	-1.000E+01
MPCS	1061900	0.1000E+01	1061100	-1.000E+01
MPCS	1261900	0.1000E+01	1261100	-1.000E+01
MPCS	1361900	0.1000E+01	1361100	-1.000E+01
MPCS	1461900	0.1000E+01	1461100	-1.000E+01
MPCS	1561900	0.1000E+01	1561100	-1.000E+01
MPCS	1661900	0.1000E+01	1661100	-1.000E+01
MPCS	1761900	0.1000E+01	1761100	-1.000E+01
MPCS	1861900	0.1000E+01	1861100	-1.000E+01
MPCS	1961900	0.1000E+01	1961100	-1.000E+01
MPCS	2061900	0.1000E+01	2061100	-1.000E+01
MPCS	2161900	0.1000E+01	2161100	-1.000E+01
MPCS	271900	0.1000E+01	271100	-1.000E+01
MPCS	371900	0.1000E+01	371100	-1.000E+01
MPCS	471900	0.1000E+01	471100	-1

MPCS	1262290	0.1000E+01	1262100	~	1.000E+01
MPCS	1362290	0.1000E+01	1362100	~	1.000E+01
MPCS	1462290	0.1000E+01	1462100	~	1.000E+01
MPCS	1562290	0.1000E+01	1562100	~	1.000E+01
MPCS	1662290	0.1000E+01	1662100	~	1.000E+01
MPCS	1762290	0.1000E+01	1762100	~	1.000E+01
MPCS	1862290	0.1000E+01	1862100	~	1.000E+01
MPCS	1962290	0.1000E+01	1962100	~	1.000E+01
MPCS	2062290	0.1000E+01	2062100	~	1.000E+01
MPCS	2162290	0.1000E+01	2162100	~	1.000E+01
MPCS	2272290	0.1000E+01	2272100	~	1.000E+01
MPCS	3722900	0.1000E+01	3721000	~	1.000E+01
MPCS	4722900	0.1000E+01	4721000	~	1.000E+01
MPCS	5722900	0.1000E+01	5721000	~	1.000E+01
MPCS	6722900	0.1000E+01	6721000	~	1.000E+01
MPCS	7722900	0.1000E+01	7721000	~	1.000E+01
MPCS	8722900	0.1000E+01	8721000	~	1.000E+01
MPCS	9722900	0.1000E+01	9721000	~	1.000E+01
MPCS	10722900	0.1000E+01	10721000	~	1.000E+01
MPCS	11722900	0.1000E+01	11721000	~	1.000E+01
MPCS	12722900	0.1000E+01	12721000	~	1.000E+01
MPCS	13722900	0.1000E+01	13721000	~	1.000E+01
MPCS	14722900	0.1000E+01	14721000	~	1.000E+01
MPCS	15722900	0.1000E+01	15721000	~	1.000E+01
MPCS	16722900	0.1000E+01	16721000	~	1.000E+01
MPCS	17722900	0.1000E+01	17721000	~	1.000E+01
MPCS	18722900	0.1000E+01	18721000	~	1.000E+01
MPCS	19722900	0.1000E+01	19721000	~	1.000E+01
MPCS	20722900	0.1000E+01	20721000	~	1.000E+01
MPCS	21722900	0.1000E+01	21721000	~	1.000E+01
MPCS	2635000	0.1000E+01	2631000	~	1.000E+01
MPCS	3635000	0.1000E+01	3631000	~	1.000E+01
MPCS	4635000	0.1000E+01	4631000	~	1.000E+01
MPCS	5635000	0.1000E+01	5631000	~	1.000E+01
MPCS	6635000	0.1000E+01	6631000	~	1.000E+01
MPCS	7635000	0.1000E+01	7631000	~	1.000E+01
MPCS	8635000	0.1000E+01	8631000	~	1.000E+01
MPCS	9635000	0.1000E+01	9631000	~	1.000E+01
MPCS	10635000	0.1000E+01	10631000	~	1.000E+01
MPCS	11635000	0.1000E+01	11631000	~	1.000E+01
MPCS	12635000	0.1000E+01	12631000	~	1.000E+01
MPCS	13635000	0.1000E+01	13631000	~	1.000E+01
MPCS	14635000	0.1000E+01	14631000	~	1.000E+01
MPCS	15635000	0.1000E+01	15631000	~	1.000E+01
MPCS	16635000	0.1000E+01	16631000	~	1.000E+01
MPCS	16683000	0.1000E+01	16681000	~	1.000E+01
MPCS	16873000	0.1000E+01	16871000	~	1.000E+01
MPCS	16883000	0.1000E+01	16881000	~	1.000E+01
MPCS	17633000	0.1000E+01	17631000	~	1.000E+01
MPCS	17643000	0.1000E+01	17641000	~	1.000E+01
MPCS	17653000	0.1000E+01	17651000	~	1.000E+01
MPCS	17663000	0.1000E+01	17661000	~	1.000E+01
MPCS	17673000	0.1000E+01	17671000	~	1.000E+01
MPCS	17683000	0.1000E+01	17681000	~	1.000E+01
MPCS	18530000	0.1000E+01	18531000	~	1.000E+01
MPCS	19643000	0.1000E+01	19641000	~	1.000E+01
MPCS	22733000	0.1000E+01	22731000		

MPCS	127359V	0.1000E+01	127313V	1.0000E+01
MPCS	127339V	0.1000E+01	127313V	1.000E+01
MPCS	147339V	0.1000E+01	147313V	1.000E+01
MPCS	157339V	0.1000E+01	157313V	1.000E+01
MPCS	167339V	0.1000E+01	167313V	1.000E+01
MPCS	167659V	0.1000E+01	167617V	1.000E+01
MPCS	167779V	0.1000E+01	167717V	1.000E+01
MPCS	167839V	0.1000E+01	167817V	1.000E+01
MPCS	177339V	0.1000E+01	177313V	1.000E+01
MPCS	177459V	0.1000E+01	177417V	1.000E+01
MPCS	177659V	0.1000E+01	177617V	1.000E+01
MPCS	17769V	0.1000E+01	177617V	1.000E+01
MPCS	17779V	0.1000E+01	177717V	1.000E+01
MPCS	177859V	0.1000E+01	177817V	1.000E+01
MPCS	187339V	0.1000E+01	187313V	1.000E+01
MPCS	187459V	0.1000E+01	187417V	1.000E+01
MPCS	26459V	0.1000E+01	2641V	1.000E+01
MPCS	36459V	0.1000E+01	3641V	1.000E+01
MPCS	46459V	0.1000E+01	4641V	1.000E+01
MPCS	56459V	0.1000E+01	5641V	1.000E+01
MPCS	66459V	0.1000E+01	6641V	1.000E+01
MPCS	76459V	0.1000E+01	7641V	1.000E+01
MPCS	86459V	0.1000E+01	8641V	1.000E+01
MPCS	95459V	0.1000E+01	9641V	1.000E+01
MPCS	05059V	0.1000E+01	0641V	1.000E+01
MPCS	116459V	0.1000E+01	11641V	1.000E+01
MPCS	126459V	0.1000E+01	12641V	1.000E+01
MPCS	136459V	0.1000E+01	13641V	1.000E+01
MPCS	146459V	0.1000E+01	14641V	1.000E+01
MPCS	166459V	0.1000E+01	16641V	1.000E+01
MPCS	16659V	0.1000E+01	16641V	1.000E+01
MPCS	17659V	0.1000E+01	17641V	1.000E+01
MPCS	27659V	0.1000E+01	2741V	1.000E+01
MPCS	37659V	0.1000E+01	3741V	1.000E+01
MPCS	47459V	0.1000E+01	4741V	1.000E+01
MPCS	57459V	0.1000E+01	5741V	1.000E+01
MPCS	67459V	0.1000E+01	6741V	1.000E+01
MPCS	7459V	0.1000E+01	7741V	1.000E+01
MPCS	87459V	0.1000E+01	8741V	1.000E+01
MPCS	97459V	0.1000E+01	9741V	1.000E+01
MPCS	107459V	0.1000E+01	10741V	1.000E+01
MPCS	117459V	0.1000E+01	11741V	1.000E+01
MPCS	127459V	0.1000E+01	12741V	1.000E+01
MPCS	137459V	0.1000E+01	13741V	1.000E+01
MPCS	147459V	0.1000E+01	14741V	1.000E+01
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MPCS	16749V	0.1000E+01	16741V	1.000E+01
MPCS	2589V	0.1000E+01	25891V	1.000E+01
MPCS	3589V	0.1000E+01	35891V	1.000E+01
MPCS	4589V	0.1000E+01	45891V	1.000E+01
MPCS	5589V	0.1000E+01	55891V	1.000E+01
MPCS	6589V	0.1000E+01	65891V	1.000E+01
MPCS	7589V	0.1000E+01	75891V	1.000E+01
MPCS	8589V	0.1000E+01	85891V	1.000E+01
MPCS	9589V	0.1000E+01	95891V	1.000E+01
MPCS	10589V	0.1000E+01	10589V	1.000E+01
MPCS	11589V	0.1000E+01	11589V	1.000E+01
MPCS	12589V	0.1000E+01	12589V	1.000E+01
MPCS	13589V	0.1000E+01	13589V	1.000E+01
MPCS	14589V	0.1000E+01	14581V	1.000E+01
MPCS	16589V	0.1000E+01	16581V	1.000E+01
MPCS	16589V	0.1000E+01	16581V	1.000E+01
MPCS	1699V	0.1000E+01	16991V	1.000E+01
MPCS	17699V	0.1000E+01	17691V	1.000E+01
MPCS	1869V	0.1000E+01	1869	

MPCS	9701WY	0.1000E+01	9601WY	-1.0000E+01
MPCS	9709WY	0.1000E+01	9609WY	-1.0000E+01
MPCS	1060SWY	0.0000E+01	1060SWY	-1.0000E+01
MPCS	1070SWY	0.0000E+01	1067SWY	-1.0000E+01
MPCS	1070SWY	0.0000E+01	1066SWY	-1.0000E+01
MPCS	1180SWY	0.1000E+01	1169SWY	-1.0000E+01
MPCS	1170SWY	0.1000E+01	1169SWY	-1.0000E+01
MPCS	1170SWY	0.1000E+01	1168SWY	-1.0000E+01
MPCS	1260SWY	0.1000E+01	1259SWY	-1.0000E+01
MPCS	1270SWY	0.1000E+01	1260SWY	-1.0000E+01
MPCS	1270SWY	0.1000E+01	1261SWY	-1.0000E+01
MPCS	1360SWY	0.1000E+01	1360SWY	-1.0000E+01
MPCS	13701WY	0.1000E+01	13691WY	-1.0000E+01
MPCS	1370SWY	0.1000E+01	1369SWY	-1.0000E+01
MPCS	1460SWY	0.1000E+01	1460SWY	-1.0000E+01
MPCS	1470SWY	0.1000E+01	1460SWY	-1.0000E+01
MPCS	1470SWY	0.1000E+01	1461SWY	-1.0000E+01
MPCS	15609WY	0.1000E+01	15601WY	-1.0000E+01
MPCS	15701WY	0.1000E+01	15691WY	-1.0000E+01
MPCS	1570SWY	0.1000E+01	1569SWY	-1.0000E+01
MPCS	1650SWY	0.1000E+01	1650SWY	-1.0000E+01
MPCS	16701WY	0.1000E+01	16591WY	-1.0000E+01
MPCS	1670SWY	0.1000E+01	1659SWY	-1.0000E+01
MPCS	17609WY	0.1000E+01	17601WY	-1.0000E+01
MPCS	17701WY	0.1000E+01	17601WY	-1.0000E+01
MPCS	1770SWY	0.1000E+01	1760SWY	-1.0000E+01
MPCS	18609WY	0.1000E+01	18601WY	-1.0000E+01
MPCS	18701WY	0.1000E+01	18601WY	-1.0000E+01
MPCS	1870SWY	0.1000E+01	1860SWY	-1.0000E+01
MPCS	19609WY	0.1000E+01	19601WY	-1.0000E+01
MPCS	19701WY	0.1000E+01	19601WY	-1.0000E+01
MPCS	1970SWY	0.1000E+01	1960SWY	-1.0000E+01
MPCS	2060SWY	0.1000E+01	2060SWY	-1.0000E+01
MPCS	20701WY	0.1000E+01	20601WY	-1.0000E+01
MPCS	2070SWY	0.1000E+01	2060SWY	-1.0000E+01
MPCS	21609WY	0.1000E+01	21601WY	-1.0000E+01
MPCS	21701WY	0.1000E+01	21601WY	-1.0000E+01
MPCS	2170SWY	0.1000E+01	2160SWY	-1.0000E+01
MPCS	2170SWY	0.1000E+01	2632WY	-1.0000E+01
MPCS	2170SWY	0.1000E+01	2633WY	-1.0000E+01
MPCS	4702WY	0.1000E+01	4632WY	-1.0000E+01
MPCS	5702WY	0.1000E+01	5602WY	-1.0000E+01
MPCS	6702WY	0.1000E+01	6602WY	-1.0000E+01
MPCS	7702WY	0.1000E+01	7602WY	-1.0000E+01
MPCS	8702WY	0.1000E+01	8602WY	-1.0000E+01
MPCS	9702WY	0.1000E+01	9602WY	-1.0000E+01
MPCS	1072WY	0.1000E+01	1062WY	-1.0000E+01
MPCS	11702WY	0.1000E+01	11602WY	-1.0000E+01
MPCS	12702WY	0.1000E+01	12602WY	-1.0000E+01
MPCS	13702WY	0.1000E+01	13602WY	-1.0000E+01
MPCS	14702WY	0.1000E+01	14602WY	-1.0000E+01
MPCS	15702WY	0.1000E+01	15602WY	-1.0000E+01
MPCS	16702WY	0.1000E+01	16602WY	-1.0000E+01
MPCS	17702WY	0.1000E+01	17602WY	-1.0000E+01
MPCS	18702WY	0.1000E+01	18602WY	-1.0000E+01
MPCS	19702WY	0.1000E+01	19602WY	-1.0000E+01
MPCS	20702WY	0.1000E+01	20602WY	-1.0000E+01
MPCS	21702WY	0.1000E+01	21602WY	-1.0000E+01
MPCS	3703SWY	0.1000E+01	3603SWY	-1.0000E+01
MPCS	4703SWY	0.1000E+01	4603SWY	-1.0000E+01
MPCS	5703SWY	0.1000E+01	5603SWY	-1.0000E+01
MPCS	6703SWY	0.1000E+01	6603SWY	-1.0000E+01
MPCS	7703SWY	0.1000E+01	7603SWY	-1.0000E+01
MPCS</				

[illegible]

MPCS	461.99W	0.1000E+01	451.19W	-1.0000E+01
MPCS	561.99W	0.1000E+01	561.19W	-1.0000E+01
MPCS	661.99W	0.1000E+01	661.19W	-1.0000E+01
MPCS	761.99W	0.1000E+01	761.19W	-1.0000E+01
MPCS	861.99W	0.1000E+01	861.19W	-1.0000E+01
MPCS	961.99W	0.1000E+01	961.19W	-1.0000E+01
MPCS	1061.99W	0.1000E+01	1061.19W	-1.0000E+01
MPCS	1161.99W	0.1000E+01	1161.19W	-1.0000E+01
MPCS	1261.99W	0.1000E+01	1261.19W	-1.0000E+01
MPCS	1361.99W	0.1000E+01	1361.19W	-1.0000E+01
MPCS	1461.99W	0.1000E+01	1461.19W	-1.0000E+01
MPCS	1561.99W	0.1000E+01	1561.19W	-1.0000E+01
MPCS	1661.99W	0.1000E+01	1661.19W	-1.0000E+01
MPCS	1761.99W	0.1000E+01	1761.19W	-1.0000E+01
MPCS	1861.99W	0.1000E+01	1861.19W	-1.0000E+01
MPCS	1961.99W	0.1000E+01	1961.19W	-1.0000E+01
MPCS	2061.99W	0.1000E+01	2061.19W	-1.0000E+01
MPCS	2161.99W	0.1000E+01	2161.19W	-1.0000E+01
MPCS	2219.99W	0.1000E+01	221.19W	-1.0000E+01
MPCS	2319.99W	0.1000E+01	231.19W	-1.0000E+01
MPCS	2419.99W	0.1000E+01	241.19W	-1.0000E+01
MPCS	2519.99W	0.1000E+01	251.19W	-1.0000E+01
MPCS	2619.99W	0.1000E+01	261.19W	-1.0000E+01
MPCS	2719.99W	0.1000E+01	271.19W	-1.0000E+01
MPCS	2819.99W	0.1000E+01	281.19W	-1.0000E+01
MPCS	2919.99W	0.1000E+01	291.19W	-1.0000E+01
MPCS	3019.99W	0.1000E+01	301.19W	-1.0000E+01
MPCS	3119.99W	0.1000E+01	311.19W	-1.0000E+01
MPCS	3219.99W	0.1000E+01	321.19W	-1.0000E+01
MPCS	3319.99W	0.1000E+01	331.19W	-1.0000E+01
MPCS	3419.99W	0.1000E+01	341.19W	-1.0000E+01
MPCS	3519.99W	0.1000E+01	351.19W	-1.0000E+01
MPCS	3619.99W	0.1000E+01	361.19W	-1.0000E+01
MPCS	3719.99W	0.1000E+01	371.19W	-1.0000E+01
MPCS	3819.99W	0.1000E+01	381.19W	-1.0000E+01
MPCS	3919.99W	0.1000E+01	391.19W	-1.0000E+01
MPCS	4019.99W	0.1000E+01	401.19W	-1.0000E+01
MPCS	4119.99W	0.1000E+01	411.19W	-1.0000E+01
MPCS	4219.99W	0.1000E+01	421.19W	-1.0000E+01
MPCS	4319.99W	0.1000E+01	431.19W	-1.0000E+01
MPCS	4419.99W	0.1000E+01	441.19W	-1.0000E+01
MPCS	4519.99W	0.1000E+01	451.19W	-1.0000E+01
MPCS	4619.99W	0.1000E+01	461.19W	-1.0000E+01
MPCS	4719.99W	0.1000E+01	471.19W	-1.0000E+01
MPCS	4819.99W	0.1000E+01	481.19W	-1.0000E+01
MPCS	4919.99W	0.1000E+01	491.19W	-1.0000E+01
MPCS	5019.99W	0.1000E+01	501.19W	-1.0000E+01
MPCS	5119.99W	0.1000E+01	511.19W	-1.0000E+01
MPCS	5219.99W	0.1000E+01	521.19W	-1.0000E+01
MPCS	5319.99W	0.1000E+01	531.19W	-1.0000E+01
MPCS	5419.99W	0.1000E+01	541.19W	-1.0000E+01
MPCS	5519.99W	0.1000E+01	551.19W	-1.0000E+01
MPCS	5619.99W	0.1000E+01	561.19W	-1.0000E+01
MPCS	5719.99W	0.1000E+01	571.19W	-1.0000E+01
MPCS	5819.99W	0.1000E+01	581.19W	-1.0000E+01
MPCS	5919.99W	0.1000E+01	591.19W	-1.0000E+01
MPCS	6019.99W	0.1000E+01	601.19W	-1.0000E+01
MPCS	6119.99W	0.1000E+01	611.19W	-1.0000E+01
MPCS	6219.99W	0.1000E+01	621.19W	-1.0000E+01
MPCS	6319.99W	0.1000E+01	631.19W	-1.0000E+01
MPCS	6419.99W	0.1000E+01	641.19W	-1.0000E+01

NPCCS	146539W	0.1000E+00	144631W	-	-1.000E+00
NPCCS	156393W	0.1000E+00	156531W	-	-1.000E+00
NPCCS	166393W	0.1000E+00	166531W	-	-1.000E+00
NPCCS	166539W	0.1000E+00	166635W	-	-1.000E+00
NPCCS	166793W	0.1000E+00	166671W	-	-1.000E+00
NPCCS	166893W	0.1000E+00	166681W	-	-1.000E+00
NPCCS	176393W	0.1000E+00	171753W	-	-1.000E+00
NPCCS	176493W	0.1000E+00	171763W	-	-1.000E+00
NPCCS	176593W	0.1000E+00	171765W	-	-1.000E+00
NPCCS	176693W	0.1000E+00	171765W	-	-1.000E+00
NPCCS	176793W	0.1000E+00	1717671W	-	-1.000E+00
NPCCS	176893W	0.1000E+00	1717681W	-	-1.000E+00
NPCCS	185339W	0.1000E+00	1818631W	-	-1.000E+00
NPCCS	188493W	0.1000E+00	1818641W	-	-1.000E+00
NPCCS	196393W	0.1000E+00	191731W	-	-1.000E+00
NPCCS	213739W	0.1000E+00	213731W	-	-1.000E+00
NPCCS	473393W	0.1000E+00	473731W	-	-1.000E+00
NPCCS	573393W	0.1000E+00	573731W	-	-1.000E+00
NPCCS	673393W	0.1000E+00	673731W	-	-1.000E+00
NPCCS	773393W	0.1000E+00	773731W	-	-1.000E+00
NPCCS	873393W	0.1000E+00	873731W	-	-1.000E+00
NPCCS	973393W	0.1000E+00	973731W	-	-1.000E+00
NPCCS	107339W	0.1000E+00	107373W	-	-1.000E+00
NPCCS	112393W	0.1000E+00	111231W	-	-1.000E+00
NPCCS	122393W	0.1000E+00	112231W	-	-1.000E+00
NPCCS	137393W	0.1000E+00	137373W	-	-1.000E+00
NPCCS	147393W	0.1000E+00	147373W	-	-1.000E+00
NPCCS	157393W	0.1000E+00	1515231W	-	-1.000E+00
NPCCS	167393W	0.1000E+00	1616231W	-	-1.000E+00
NPCCS	176393W	0.1000E+00	1616731W	-	-1.000E+00
NPCCS	176793W	0.1000E+00	1616771W	-	-1.000E+00
NPCCS	176893W	0.1000E+00	1616781W	-	-1.000E+00
NPCCS	177393W	0.1000E+00	1616781W	-	-1.000E+00
NPCCS	177593W	0.1000E+00	1616781W	-	-1.000E+00
NPCCS	177593W	0.1000E+00	1616771W	-	-1.000E+00
NPCCS	177693W	0.1000E+00	1616771W	-	-1.000E+00
NPCCS	177793W	0.1000E+00	1616771W	-	-1.000E+00
NPCCS	177893W	0.1000E+00	1616781W	-	-1.000E+00
NPCCS	187339W	0.1000E+00	181731W	-	-1.000E+00
NPCCS	187439W	0.1000E+00	181731W	-	-1.000E+00
NPCCS	284393W	0.1000E+00	284731W	-	-1.000E+00
NPCCS	384393W	0.1000E+00	384731W	-	-1.000E+00
NPCCS	484393W	0.1000E+00	484731W	-	-1.000E+00
NPCCS	584393W	0.1000E+00	584731W	-	-1.000E+00
NPCCS	684393W	0.1000E+00	684731W	-	-1.000E+00
NPCCS	784393W	0.1000E+00	784731W	-	-1.000E+00
NPCCS	884393W	0.1000E+00	884731W	-	-1.000E+00
NPCCS	984393W	0.1000E+00	984731W	-	-1.000E+00
NPCCS	108439W	0.1000E+00	1064731W	-	-1.000E+00
NPCCS	116493W	0.1000E+00	1118473W	-	-1.000E+00
NPCCS	126493W	0.1000E+00	1218473W	-	-1.000E+00
NPCCS	136493W	0.1000E+00	1318473W	-	-1.000E+00
NPCCS	146493W	0.1000E+00	1418473W	-	-1.000E+00
NPCCS	156493W	0.1000E+00	1515647W	-	-1.000E+00
NPCCS	166493W	0.1000E+00	1615647W	-	-1.000E+00
NPCCS	174939W	0.1000E+00	172671W	-	-1.000E+00
NPCCS	274939W	0.1000E+00	27471W	-	-1.000E+00
NPCCS	374939W				

MPCS 20599W 0.1000E+0120599W --.1000E+01
MPCS 21599W 0.1000E+0121599W --.1000E+01

SLOA III 0.0 1.0 0.0 0.01
EART III 66
FNC III 66
TABL III 66
FTAB 665

EL CENTRO Wave (ORIGINAL)			
0.0010	66.7040	0.0020	68.7040
0.0040	72.2840	0.0050	73.8790
0.0070	76.7270	0.0080	78.0080
0.0100	80.3610	0.0110	81.4840
0.0130	83.5950	0.0140	84.6520
0.0160	86.8020	0.0170	87.9110
0.0190	90.2220	0.0200	91.4270
0.0220	93.9050	0.0230	95.1620
0.0250	97.6580	0.0260	98.8650
0.0280	101.1000	0.0290	102.0800
0.0310	103.5700	0.0320	104.2400
0.0340	104.8000	0.0350	104.7500
0.0370	103.9500	0.0380	103.1700
0.0400	100.8000	0.0410	99.2100
0.0430	95.2450	0.0440	92.9020
0.0460	87.5400	0.0470	84.5880
0.0490	78.1930	0.0500	74.3520
0.0520	68.0150	0.0530	64.5920
0.0550	57.3380	0.0560	54.7810
0.0580	48.9660	0.0590	46.3720
0.0610	41.9770	0.0620	40.2220
0.0640	37.6740	0.0650	36.9080
0.0670	36.4930	0.0680	36.7180
0.0700	38.3020	0.0710	39.5720
0.0730	42.9850	0.0740	45.0860
0.0760	49.9330	0.0770	52.5700
0.0790	58.2820	0.0800	61.2210
0.0820	67.1950	0.0830	70.1500
0.0850	75.5370	0.0860	78.5610
0.0880	83.5570	0.0890	86.8160
0.0910	89.8120	0.0920	91.5490
0.0940	94.4340	0.0950	95.6090
0.0970	97.4700	0.0980	98.1820
0.1000	99.2240	0.1010	99.5870
0.1030	100.1000	0.1040	100.2300
0.1060	100.6500	0.1070	100.7290
0.1090	101.0300	0.1100	101.2200
0.1120	101.6400	0.1130	101.8700
0.1150	102.3300	0.1160	102.5400
0.1180	102.7500	0.1190	102.7100
0.1210	102.2100	0.1220	101.6900
0.1240	99.8830	0.1250	98.5250
0.1270	94.7540	0.1280	92.2740
0.1300	86.9320	0.1310	82.0180
0.1330	72.6470	0.1340	67.1680
0.1360	54.5850	0.1370	47.4380
0.1390	31.6320	0.1400	23.1200
0.1420	4.6950	0.1430	-5.0690
0.1450	-25.3850	0.1460	-35.8170
0.1480	-56.9580	0.1490	-67.5280
0.1510	-88.2570	0.1520	-98.2730
0.1540	-117.3100	0.1550	-126.2000
0.1570	-142.3800	0.1580	-149.5600
0.1600	-161.9400	0.1610	-167.0600
0.1630	-175.0580	0.1640	-177.9000
0.1660	-181.3200	0.1670	-181.9300
0.1690	-181.0300	0.1700	-179.5900
0.1720	-174.5650	0.1730	-171.8700
0.1750	-164.3800	0.1760	-160.1000
0.1780	-150.7530	0.1790	-145.8000
0.1810	-135.7050	0.1820	-130.4060
0.1840	-120.1200	0.1850	-115.0500
0.1870	-105.3200	0.1880	-100.6200
0.1900	-91.6260	0.1910	-87.3180
0.1930	-78.6300	0.1940	-74.9710
0.1960	-67.0140	0.1970	-63.0360
0.1990	-54.9200	0.2000	-50.7220
0.2020	-41.8930	0.2030	-37.2050
0.2050	-27.1790	0.2060	-21.8160
0.2080	-10.2890	0.2090	-4.1280
0.2110	8.2450	0.2120	15.3800
0.2140	30.2100	0.2150	32.7170
0.2170	53.0230	0.2180	60.7810
0.2200	76.3770	0.2210	84.1400
0.2230	99.3610	0.2240	106.7500
0.2260	120.9700	0.2270	127.7500
0.2290	140.4800	0.2300	146.3500
0.2320	157.3100	0.2330	163.3100
0.2350	171.3100	0.2360	175.3200
0.2380	182.4500	0.2390	185.6000
0.2410	191.0200	0.2420	193.3300
0.2440	197.2400	0.2450	198.8400
0.2470	201.3600	0.2480	202.2700
0.2500	203.4200	0.2510	203.6500

0.2530	203.3600	0.2540	202.8100
0.2560	200.8600	0.2570	199.4400
0.2590	195.6100	0.2600	193.1800
0.2620	187.2800	0.2630	183.8100
0.2650	175.0000	0.2660	171.2800
0.2680	161.3400	0.2690	155.9600
0.2710	144.5300	0.2720	138.5800
0.2740	126.3700	0.2750	120.2500
0.2770	108.2100	0.2780	102.4300
0.2800	91.5870	0.2810	86.6470
0.2830	78.0000	0.2840	74.3870
0.2860	66.7600	0.2870	66.7800
0.2890	54.6510	0.2900	54.5940
0.2920	45.9700	0.2930	47.5400
0.2950	32.2270	0.2960	35.2640
0.2980	22.3450	0.2990	26.2740
0.3010	14.6810	0.3020	18.8930
0.3040	106.8900	0.3050	119.5800
0.3070	116.9200	0.3080	119.3300
0.3100	122.4600	0.3110	122.9300
0.3130	121.4400	0.3140	119.3700
0.3160	112.2800	0.3170	107.1800
0.3190	93.7960	0.3200	85.4830
0.3220	65.4960	0.3230	53.8270
0.3250	27.2870	0.3260	12.4600
0.3280	-20.3210	0.3290	-36.0140
0.3310	-76.1320	0.3320	-96.3540
0.3340	-138.8800	0.3350	-161.0400
0.3370	-205.6800	0.3380	-224.9800
0.3400	-277.1900	0.3410	-300.8800
0.3430	-347.9000	0.3440	-371.0000
0.3460	-415.8900	0.3470	-437.4500
0.3490	-478.2100	0.3500	-497.1800
0.3520	-531.1600	0.3530	-547.3400
0.3550	-574.1600	0.3560	-585.3500
0.3580	-602.9600	0.3590	-608.2800
0.3610	-616.8400	0.3620	-618.0600
0.3640	-615.4400	0.3650	-611.6800
0.3670	-599.5000	0.3680	-591.2600
0.3700	-570.9100	0.3710	-559.0300
0.3730	-532.5300	0.3740	-518.1900
0.3760	-488.0100	0.3770	-472.4800
0.3790	-441.2500	0.3800	-425.9700
0.3820	-386.2600	0.3830	-382.2100
0.3850	-336.2000	0.3860	-344.4000
0.3880	-323.5300	0.3890	-314.5300
0.3910	-299.4700	0.3920	-293.4000
0.3940	-284.0100	0.3950	-280.5000
0.3970	-275.9500	0.3980	-274.6300
0.4000	-273.3800	0.4010	-273.2800
0.4030	-273.6700	0.4040	-273.9700
0.4060	-274.3300	0.4070	-274.2100
0.4090	-273.1100	0.4100	-272.0300
0.4120	-268.5400	0.4130	-265.1000
0.4150	-259.8500	0.4160	-255.0800
0.4180	-247.2500	0.4190	-242.2700
0.4210	-231.4500	0.4220	-225.7100
0.4240	-213.7200	0.4250	-207.5620
0.4270	-195.2200	0.4280	-189.1200
0.4300	-177.0900	0.4310	-171.1500
0.4330	-168.7900	0.4340	-164.2800
0.4360	-143.4600	0.4370	-138.1200
0.4390	-127.5300	0.4400	-122.2100
0.4420	-111.2800	0.4430	-105.6000
0.4450	-93.7680	0.4460	-87.5440
0.4480	-74.9600	0.4490	-67.9500
0.4510	-52.6620	0.4520	-44.9770
0.4540	-28.9380	0.4550	-20.6350
0.4570	-3.6920	0.4580	4.8840
0.4600	22.1610	0.4610	30.8040
0.4630	47.5070	0.4640	56.3400
0.4660	72.0370	0.4670	81.3720
0.4690	97.8240	0.4700	106.1300
0.4720	123.1700	0.4730	132.0500
0.4750	150.8600	0.4760	169.9600
0.4780	183.0600	0.4790	195.2300
0.4810	222.1400	0.4820	237.0300
0.4840	269.9600	0.4850	288.0700
0.4870	327.5100	0.4880	348.8000
0.4900	394.2800	0.4910	418.3900
0.4930	468.2300	0.4940	493.8300
0.4960	545.5400	0.4970	571.2500
0.4990	621.2500	0.5000	645.1100
0.5020	693.4900	0.5030	726.0000
0.5050	764.5600	0.5060	789.0500
0.5080	781.4700	0.5090	789.1100
0.5110	796.8800	0.5120	796.9400
0.5140	789.4600	0.5150	782.0200
0.5170	760.2000	0.5180	746.0900
0.5200	712.2300	0.5210	692.8400

0.5230	650.2200	0.5240	627.4200	0.5250	603.8600
0.5260	579.8200	0.5270	555.4400	0.5280	528.1700
0.5290	505.5100	0.5300	482.3100	0.5310	458.4200
0.5320	435.0400	0.5330	412.1700	0.5340	389.9800
0.5350	358.4200	0.5360	347.6000	0.5370	327.4100
0.5380	307.9300	0.5390	289.0100	0.5400	270.6500
0.5410	252.7400	0.5420	235.2100	0.5430	217.8600
0.5440	200.6300	0.5450	183.4500	0.5460	180.0000
0.5470	148.5100	0.5480	130.5800	0.5490	112.1200
0.5500	93.1540	0.5510	73.4890	0.5520	53.1890
0.5530	32.0970	0.5540	10.3190	0.5550	-12.2560
0.5560	-35.4760	0.5570	-59.4030	0.5580	-83.2410
0.5590	-108.3000	0.5600	-134.0500	0.5610	-153.0700
0.5620	-185.0700	0.5630	-210.5200	0.5640	-228.0000
0.5650	-260.2800	0.5660	-284.2300	0.5670	-307.3800
0.5680	-329.4500	0.5690	-360.3600	0.5700	-383.7800
0.5710	-387.9200	0.5720	-404.3600	0.5730	-418.9900
0.5740	-431.8200	0.5750	-442.8200	0.5760	-451.9300
0.5770	-469.0900	0.5780	-464.3700	0.5790	-467.8500
0.5800	-469.5300	0.5810	-469.5700	0.5820	-468.0400
0.5830	-465.0900	0.5840	-460.8500	0.5850	-458.9000
0.5860	-449.2000	0.5870	-442.1000	0.5880	-434.3900
0.5890	-426.2100	0.5900	-417.7300	0.5910	-408.0900
0.5920	-400.4100	0.5930	-391.8000	0.5940	-383.3600
0.5950	-375.1400	0.5960	-359.0000	0.5970	-363.5300
0.5980	-352.1300	0.5990	-334.9700	0.6000	-329.0000
0.6010	-331.0700	0.6020	-324.1600	0.6030	-317.1000
0.6040	-309.7700	0.6050	-302.0000	0.6060	-294.6700
0.6070	-284.6900	0.6080	-274.6200	0.6090	-265.0000
0.6100	-251.4100	0.6110	-237.9100	0.6120	-223.0200
0.6130	-206.6300	0.6140	-188.7300	0.6150	-169.2700
0.6160	-148.3000	0.6170	-125.8300	0.6180	-102.0000
0.6190	-76.8850	0.6200	-50.7000	0.6210	-24.4200
0.6230	4.1460	0.6240	32.3070	0.6250	60.5400
0.6260	88.5850	0.6270	116.0500	0.6280	142.6200
0.6290	167.9000	0.6300	191.5700	0.6310	213.2200
0.6310	232.5500	0.6320	245.1700	0.6330	262.8200
0.6340	273.1800	0.6350	288.0100	0.6360	283.1100
0.6370	282.3100	0.6380	277.4600	0.6390	268.0000
0.6400	255.5500	0.6410	238.4800	0.6420	211.4500
0.6430	192.6200	0.6440	164.2100	0.6450	132.4500
0.6460	97.6900	0.6470	50.2870	0.6480	20.6000
0.6490	-90.7390	0.6500	-120.9040	0.6510	-107.4600
0.6520	-151.5200	0.6530	-195.4400	0.6540	-236.6500
0.6550	-220.7100	0.6560	-261.0500	0.6570	-323.0000
0.6580	-394.8100	0.6590	-427.3500	0.6600	-456.4700
0.6610	-461.8600	0.6620	-502.2200	0.6630	-520.3400
0.6640	-543.0300	0.6650	-544.7700	0.6660	-544.7700
0.6670	-543.0700	0.6680	-538.3500	0.6690	-528.3500
0.6700	-514.3300	0.6710	-496.2900	0.6720	-474.6000
0.6730	-449.5400	0.6740	-421.5300	0.6750	-400.0000
0.6760	-358.1600	0.6770	-323.6600	0.6780	-287.5000
0.6790	-251.3600	0.6800	-214.5200	0.6810	-177.7400
0.6820	-141.5500	0.6830	-106.3000	0.6840	-72.4390
0.6850	-40.2700	0.6860	10.1840	0.6870	17.6600
0.6880	42.7750	0.6890	65.2030	0.6900	84.6740
0.6910	101.1400	0.6920	114.4900	0.6930	110.0000
0.6940	131.9300	0.6950	136.1400	0.6960	137.4600
0.6970	136.0800	0.6980	132.1700	0.6990	125.9000
0.7000	117.6800	0.7010	107.6100	0.7020	95.0000
0.7030	83.2270	0.7040	69.5020	0.7050	55.1510
0.7060	40.4770	0.7070	25.7570	0.7080	11.2780
0.7090	-22.1120	0.7100	-15.9600	0.7110	-26.2500
0.7120	-34.0050	0.7130	-49.4100	0.7140	-67.4400
0.7150	-64.4430	0.7160	-69.6140	0.7170	-73.8700
0.7180	-74.5570	0.7190	-74.9130	0.7200	-73.2840
0.7210	-70.0380	0.7220	-65.2480	0.7230	-59.0190
0.7240	-61.4450	0.7250	-42.7220	0.7260	-33.9350
0.7270	-22.5530	0.7280	-10.8650	0.7290	-1.1120
0.7300	17.1750	0.7310	34.4400	0.7320	50.0000
0.7330	51.3200	0.7340	63.7600	0.7350	75.7120
0.7360	87.2470	0.7370	98.2010	0.7380	106.4680
0.7390	118.0000	0.7400	126.7160	0.7410	134.5700
0.7420	141.5600	0.7430	147.6600	0.7440	152.7600
0.7450	167.9300	0.7460	160.4600	0.7470	163.1100
0.7480	170.7700	0.7490	163.4400	0.7500	163.0000
0.7510	166.6900	0.7520	166.3200	0.7530	165.3000
0.7540	164.1900	0.7550	162.8200	0.7560	161.3200
0.7570	159.7000	0.7580	158.2500	0.7590	156.8900
0.7600	155.6000	0.7610	154.5900	0.7620	153.8500
0.7630	153.4300	0.7640	153.6000	0.7650	153.6700
0.7660	154.3500	0.7670	155.4500	0.7680	156.0000
0.7690	155.7700	0.7700	156.3800	0.7710	156.7000
0.7720	165.2500	0.7730	163.2800	0.7740	172.4700
0.7750	175.8000	0.7760	173.1900	0.7770	182.5900
0.7780	185.9300	0.7790	189.1400	0.7800	192.1600
0.7810	194.9400	0.7820	197.4000	0.7830	199.5000
0.7840	201.7000	0.7850	202.3900	0.7860	203.0800
0.7870	205.5000	0.7880	205.5000	0.7890	205.5000
0.7900	209.2500	0.7910	198.0500	0.7920	195.2500

0.7930	191.8500	0.7940	187.8900	0.7950	183.3500	0.7960	178.8200	0.7970	174.2900	0.7980	169.7600	0.7990	165.2300	0.8000	160.7000	0.8010	156.1700	0.8020	151.6400	0.8030	147.1100	0.8040	142.5800	0.8050	138.0500	0.8060	133.5200	0.8070	128.9900	0.8080	124.4600	0.8090	119.9300	0.8100	115.4000	0.8110	110.8700	0.8120	106.3400	0.8130	101.8100	0.8140	97.2800	0.8150	92.7500	0.8160	88.2200	0.8170	83.6900	0.8180	79.1600	0.8190	74.6300	0.8200	70.1000	0.8210	65.5700	0.8220	61.0400	0.8230	56.5100	0.8240	51.9800	0.8250	47.4500	0.8260	42.9200	0.8270	38.3900	0.8280	33.8600	0.8290	29.3300	0.8300	24.8000	0.8310	20.2700	0.8320	15.7400	0.8330	11.2100	0.8340	6.6800	0.8350	2.1500	0.8360	-2.3800	0.8370	-7.9100	0.8380	-13.4400	0.8390	-18.9700	0.8400	-24.5000	0.8410	-29.0300	0.8420	-34.5600	0.8430	-39.0900	0.8440	-44.6200	0.8450	-49.1500	0.8460	-54.6800	0.8470	-59.2100	0.8480	-64.7400	0.8490	-69.2700	0.8500	-74.8000	0.8510	-79.3300	0.8520	-84.8600	0.8530	-89.3900	0.8540	-94.9200	0.8550	-99.4500	0.8560	-104.9800	0.8570	-110.5100	0.8580	-115.0400	0.8590	-120.5700	0.8600	-125.1000	0.8610	-130.6300	0.8620	-135.1600	0.8630	-140.6900	0.8640	-145.2200	0.8650	-150.7500	0.8660	-155.2800	0.8670	-160.8100	0.8680	-165.3400	0.8690	-170.8700	0.8700	-175.4000	0.8710	-180.9300	0.8720	-185.4600	0.8730	-190.9900	0.8740	-195.5200	0.8750	-200.0500	0.8760	-205.5800	0.8770	-210.1100	0.8780	-215.6400	0.8790	-220.1700	0.8800	-225.7000	0.8810	-230.2300	0.8820	-235.7600	0.8830	-240.2900	0.8840	-245.8200	0.8850	-250.3500	0.8860	-255.8800	0.8870	-260.4100	0.8880	-265.9400	0.8890	-270.4700	0.8900	-275.0000	0.8910	-280.5300	0.8920	-285.0600	0.8930	-290.5900	0.8940	-295.1200	0.8950	-299.6500	0.8960	-304.1800	0.8970	-308.7100	0.8980	-313.2400	0.8990	-317.7700	0.9000	-322.3000	0.9010	-326.8300	0.9020	-331.3600	0.9030	-335.8900	0.9040	-340.4200	0.9050	-344.9500	0.9060	-349.4800	0.9070	-354.0100	0.9080	-358.5400	0.9090	-363.0700	0.9100	-367.6000	0.9110	-372.1300	0.9120	-376.6600	0.9130	-381.1900	0.9140	-385.7200	0.9150	-390.2500	0.9160	-394.7800	0.9170	-399.3100	0.9180	-403.8400	0.9190	-408.3700	0.9200	-412.9000	0.9210	-417.4300	0.9220	-421.9600	0.9230	-426.4900	0.9240	-431.0200	0.9250	-435.5500	0.9260	-440.0800	0.9270	-444.6100	0.9280	-449.1400	0.9290	-453.6700	0.9300	-458.2000	0.9310	-462.7300	0.9320	-467.2600	0.9330	-471.7900	0.9340	-476.3200	0.9350	-480.8500	0.9360	-485.3800	0.9370	-489.9100	0.9380	-494.4400	0.9390	-498.9700	0.9400	-503.5000	0.9410	-508.0300	0.9420	-512.5600	0.9430	-517.0900	0.9440	-521.6200	0.9450	-526.1500	0.9460	-530.6800	0.9470	-535.2100	0.9480	-539.7400	0.9490	-544.2700	0.9500	-548.8000	0.9510	-553.3300	0.9520	-557.8600	0.9530	-562.3900	0.9540	-566.9200	0.9550	-571.4500	0.9560	-575.9800	0.9570	-580.5100	0.9580	-585.0400	0.9590	-589.5700	0.9600	-594.1000	0.9610	-598.6300	0.9620	-603.1600	0.9630	-607.6900	0.9640	-612.2200	0.9650
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1.6930 489.8900 1.6040 493.2900 1.6050 493.0000 C
1.6060 489.2000 1.6070 481.7900 1.6080 470.7800 C
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1.6150 304.0300 1.6160 270.1500 1.6170 234.7600 C
1.6180 189.1600 1.6190 160.7200 1.6200 122.5000 C
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1.6390 -273.4800 1.6400 -268.6100 1.6410 -261.7500 C
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1.6450 -219.4100 1.6460 -206.4800 1.6470 -193.1900 C
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1.6510 -141.3600 1.6520 -129.8700 1.6530 -119.3500 C
1.6540 -109.9300 1.6550 -101.7400 1.6560 -94.8300 C
1.6570 -89.2940 1.6580 -85.1190 1.6590 -82.3270 C
1.6600 -80.8630 1.6610 -80.6940 1.6620 -81.7150 C
1.6630 -83.8520 1.6640 -85.9620 1.6650 -90.9300 C
1.6660 -95.6170 1.6670 -100.8700 1.6680 -106.5200 C
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1.6720 -130.1700 1.6730 -135.6400 1.6740 -140.6700 C
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1.7080 -23.9750 1.7090 -19.4650 1.7100 -15.0920 C
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1.7560 -239.9300 1.7570 -238.3200 1.7580 -235.3400 C
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1.7620 -211.5600 1.7630 -203.1600 1.7640 -194.0500 C
1.7650 -184.3100 1.7660 -174.2500 1.7670 -163.9400 C
1.7680 -153.5100 1.7690 -143.1200 1.7700 -132.9700 C
1.7710 -123.1600 1.7720 -113.8700 1.7730 -105.1900 C
1.7740 -97.2610 1.7750 -90.1400 1.7760 -83.9520 C
1.7770 -78.7070 1.7780 -74.4930 1.7790 -71.2820 C
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1.7860 -45.2770 1.7870 -43.7490 1.7880 -42.6570 C
1.7890 -42.8250 1.7900 -41.1680 1.7910 -39.5030 C
1.7920 -39.7460 1.7930 -38.7200 1.7940 -37.3460 C
1.7950 -35.4500 1.7960 -34.1250 1.7970 -32.8400 C
1.7980 -31.5800 1.7990 -30.3400 1.8000 -29.1400 C
1.8010 -27.2400 1.8020 -26.1400 1.8030 -25.0800 C
1.8040 -22.4900 1.8050 -21.5200 1.8060 -20.6300 C
1.8070 -17.8900 1.8080 -17.0200 1.8090 -16.2300 C
1.8100 -13.4000 1.8110 -12.6200 1.8120 -11.9100 C
1.8130 -9.0100 1.8140 -8.3500 1.8150 -7.7200 C
1.8160 -5.6900 1.8170 -5.1000 1.8180 -4.5400 C
1.8190 -3.2400 1.8200 -2.7200 1.8210 -2.2300 C
1.8220 -0.8400 1.8230 -0.3500 1.8240 0.1400 C
1.8250 0.6400 1.8260 1.1300 1.8270 1.6200 C
1.8280 2.1000 1.8290 2.5900 1.8300 3.0800 C
1.8310 3.5600 1.8320 4.0500 1.8330 4.5400 C
1.8340 5.0100 1.8350 5.5000 1.8360 5.9900 C
1.8370 6.4600 1.8380 6.9500 1.8390 7.4400 C
1.8400 7.9000 1.8410 8.3900 1.8420 8.8800 C
1.8430 9.3700 1.8440 9.8600 1.8450 10.3500 C
1.8460 10.8200 1.8470 11.3100 1.8480 11.8000 C
1.8490 12.2900 1.8500 12.7800 1.8510 13.2700 C
1.8520 13.7600 1.8530 14.2500 1.8540 14.7400 C
1.8550 15.2100 1.8560 15.7000 1.8570 16.1900 C
1.8580 16.6600 1.8590 17.1500 1.8600 17.6400 C
1.8610 18.1100 1.8620 18.6000 1.8630 19.0900 C
1.8640 19.5400 1.8650 20.0300 1.8660 20.5200 C
1.8670 21.0100 1.8680 21.5000 1.8690 21.9900 C
1.8700 22.4800 1.8710 22.9700 1.8720 23.4600 C

1.8730 239.0900 1.8740 229.1900 1.8750 321.1300 C
1.8760 312.9600 1.8770 304.8300 1.8780 296.7600 C
1.8790 288.8500 1.8800 281.1900 1.8810 273.6300 C
1.8820 266.8600 1.8830 260.3500 1.8840 254.3500 C
1.8850 248.9300 1.8860 244.1300 1.8870 240.0800 C
1.8880 236.5500 1.8890 233.9200 1.8900 232.0200 C
1.8910 230.9100 1.8920 228.5900 1.8930 226.6900 C
1.8940 222.3600 1.8950 224.4800 1.8960 237.3400 C
1.8970 240.9700 1.8980 245.3100 1.8990 250.3500 C
1.9000 255.0100 1.9010 262.2900 1.9020 269.0800 C
1.9030 275.3700 1.9040 284.0400 1.9050 292.0700 C
1.9060 309.3200 1.9070 308.7100 1.9080 317.2800 C
1.9090 325.8100 1.9100 324.3100 1.9110 342.4300 C
1.9120 350.3400 1.9130 357.8700 1.9140 364.8500 C
1.9150 371.3400 1.9160 377.6900 1.9170 382.0700 C
1.9180 388.1800 1.9190 389.3500 1.9200 391.5000 C
1.9210 392.5700 1.9220 392.4900 1.9230 391.2200 C
1.9240 388.7200 1.9250 384.9700 1.9260 379.9500 C
1.9270 373.6700 1.9280 365.1400 1.9290 357.3300 C
1.9300 347.4700 1.9310 336.4400 1.9320 324.3700 C
1.9330 311.3400 1.9340 297.4700 1.9350 282.8500 C
1.9360 267.6300 1.9370 251.9100 1.9380 235.8700 C
1.9390 219.8200 1.9400 203.3500 1.9410 187.1800 C
1.9420 171.3100 1.9430 155.5500 1.9440 140.9800 C
1.9450 126.8300 1.9460 113.5700 1.9470 101.2800 C
1.9480 90.1130 1.9490 80.1450 1.9500 71.4930 C
1.9510 64.1910 1.9520 58.3289 1.9530 53.8930 C
1.9540 50.9530 1.9550 49.4450 1.9560 49.3940 C
1.9570 50.7090 1.9580 53.3600 1.9590 57.2330 C
1.9600 62.2500 1.9610 68.2350 1.9620 75.2400 C
1.9630 82.9500 1.9640 91.3330 1.9650 99.9770 C
1.9660 109.0300 1.9670 118.2000 1.9680 127.3500 C
1.9690 136.3200 1.9700 144.9600 1.9710 153.1100 C
1.9720 160.6700 1.9730 167.6000 1.9740 173.5200 C
1.9750 178.6100 1.9760 182.7500 1.9770 185.8300 C
1.9780 187.9800 1.9790 188.5400 1.9800 188.7100 C
1.9810 187.6300 1.9820 185.5400 1.9830 182.4900 C
1.9840 178.6300 1.9850 173.9800 1.9860 168.7100 C
1.9870 162.8800 1.9880 156.6600 1.9890 150.1300 C
1.9900 143.4600 1.9910 136.7300 1.9920 130.1200 C
1.9930 123.7000 1.9940 117.6400 1.9950 111.9900 C
1.9960 108.8800 1.9970 102.9600 1.9980 98.6250 C
1.9990 95.3890 2.0000 92.0200 2.0010 89.9770 C
2.0020 80.5890 2.0030 80.4570 2.0040 81.0750 C
2.0050 92.3300 2.0060 94.1950 2.0070 96.5590 C
2.0080 99.3630 2.0090 102.4800 2.0100 105.8300 C
2.0110 109.2760 2.0120 112.7300 2.0130 116.0600 C
2.0140 119.1600 2.0150 121.9500 2.0160 124.3000 C
2.0170 123.4070 2.0180 123.7070 2.0190 127.9300 C
2.0200 127.7500 2.0210 126.8800 2.0220 125.2200 C
2.0230 122.7700 2.0240 119.5700 2.0250 115.6100 C
2.0260 110.9900 2.0270 105.7200 2.0280 99.9210 C
2.0290 93.6300 2.0300 87.0100 2.0310 80.1070 C
2.0320 73.0830 2.0330 66.0230 2.0340 59.0870 C
2.0350 52.3830 2.0360 45.9110 2.0370 40.1120 C
2.0380 34.8160 2.0390 30.1830 2.0400 26.3580 C
2.0410 23.3730 2.0420 21.3330 2.0430 20.2570 C
2.0440 20.2120 2.0450 21.1830 2.0460 23.2160 C
2.0470 26.2510 2.0480 30.3930 2.0490 35.2570 C
2.0500 41.1130 2.0510 47.7540 2.0520 55.1140 C
2.0530 61.0850 2.0540 71.5180 2.0550 80.3270 C
2.0560 89.3820 2.0570 98.5580 2.0580 107.7200 C
2.0590 116.7200 2.0600 125.4800 2.0610 133.7900 C
2.0620 141.6200 2.0630 148.8300 2.0640 155.3400 C
2.0650 161.0500 2.0660 166.9100 2.0670 169.8400 C
2.0680 174.8500 2.0690 174.8500 2.0700 175.9000 C
2.0710 175.0800 2.0720 175.0800 2.0730 175.0800 C
2.0740 170.6400 2.0750 167.1900 2.0760 163.0400 C
2.0770 158.2400 2.0780 152.3300 2.0790 147.1600 C
2.0800 141.0800 2.0810 134.7600 2.0820 128.3500 C
2.0830 121.9200 2.0840 115.6000 2.0850 109.4700 C
2.0860 103.6600 2.0870 98.2110 2.0880 93.2420 C
2.0890 84.3850 2.0900 79.7830 2.0910 75.8850 C
2.0920 70.7220 2.0930 67.2290 2.0940 64.0410 C
2.0950 65.5210 2.0960 62.6850 2.0970 60.4730 C
2.0980 58.8130 2.0990 56.8130 2.1000 55.2580 C
2.1010 55.1130 2.1020 53.3730 2.1030 51.8210 C
2.1040 50.5160 2.1050 49.3050 2.1060 48.1500 C
2.1070 47.7890 2.1080 47.0790 2.1090 46.5560 C
2.1100 47.1500 2.1110 46.9500 2.1120 47.2500 C
2.1130 47.2700 2.1140 47.5700 2.1150 47.6000 C
2.1160 47.6400 2.1170 47.6800 2.1180 47.6800 C
2.1190 47.6400 2.1200 47.6400 2.1210 47.6400 C
2.1220 47.6400 2.1230 47.6400 2.1240 47.6400 C
2.1250 47.6400 2.1260 47.6400 2.1270 47.6400 C
2.1280 47.6400 2.1290 47.6400 2.1300 47.6400 C
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2.1370 47.6400 2.1380 47.6400 2.1390 47.6400 C
2.1400 47.6400 2.1410 47.6400 2.1420 47.6400 C

2.1430 17.0310 2.1440 13.9280 2.1450 11.0130 C
2.1460 8.3130 2.1470 5.7310 2.1480 3.2860 C
2.1490 0.8710 2.1500 -1.5040 2.1510 -3.9540 C
2.1520 -6.4690 2.1530 -9.1690 2.1540 -12.0460 C
2.1550 -15.2190 2.1560 -18.6790 2.1570 -22.5320 C
2.1580 -26.7650 2.1590 -31.4920 2.1600 -36.8700 C
2.1610 -42.4190 2.1620 -48.5770 2.1630 -54.9690 C
2.1640 -62.9580 2.1650 -71.0020 2.1660 -79.5940 C
2.1670 -88.8110 2.1680 -98.5520 2.1690 -108.8800 C
2.1700 -119.6900 2.1710 -131.0200 2.1720 -142.7600 C
2.1730 -154.9500 2.1740 -167.4500 2.1750 -180.3000 C
2.1760 -193.3600 2.1770 -206.6600 2.1780 -220.0500 C
2.1790 -233.5700 2.1800 -247.0700 2.1810 -260.5800 C
2.1820 -273.9600 2.1830 -287.2300 2.1840 -300.2800 C
2.1850 -313.1300 2.1860 -325.6600 2.1870 -337.9000 C
2.1880 -349.7400 2.1890 -361.2300 2.1900 -372.2800 C
2.1910 -382.9100 2.1920 -393.0500 2.1930 -402.7500 C
2.1940 -411.9400 2.1950 -420.6600 2.1960 -428.8600 C
2.1970 -436.5800 2.1980 -443.7600 2.1990 -450.5100 C
2.2000 -456.7200 2.2010 -462.4600 2.2020 -467.7000 C
2.2030 -472.4600 2.2040 -476.7400 2.2050 -480.5400 C
2.2060 -483.8500 2.2070 -486.7100 2.2080 -489.0700 C
2.2090 -490.9800 2.2100 -492.9400 2.2110 -493.2300 C
2.2120 -493.6100 2.2130 -493.4700 2.2140 -492.8000 C
2.2150 -491.5900 2.2160 -489.8300 2.2170 -487.4900 C
2.2180 -484.5800 2.2190 -481.0700 2.2200 -476.9700 C
2.2210 -472.2700 2.2220 -466.9600 2.2230 -461.0400 C
2.2240 -454.5300 2.2250 -447.4200 2.2260 -439.7400 C
2.2270 -431.4900 2.2280 -422.7200 2.2290 -413.4300 C
2.2300 -403.6900 2.2310 -393.5000 2.2320 -382.8500 C
2.2330 -372.0400 2.2340 -360.8700 2.2350 -349.4700 C
2.2360 -337.9200 2.2370 -326.2600 2.2380 -314.5900 C
2.2390 -302.9300 2.2400 -291.4000 2.2410 -280.0300 C
2.2420 -268.9100 2.2430 -258.0700 2.2440 -247.6100 C
2.2450 -237.5400 2.2460 -227.8600 2.2470 -218.8800 C
2.2480 -208.3600 2.2490 -199.0700 2.2500 -189.9700 C
2.2510 -185.3600 2.2520 -182.2900 2.2530 -178.8600 C
2.2540 -172.0800 2.2550 -164.9200 2.2560 -154.3700 C
2.2570 -161.4200 2.2580 -159.0200 2.2590 -157.1500 C
2.2600 -155.7700 2.2610 -154.8400 2.2620 -154.3100 C
2.2630 -154.1300 2.2640 -154.2700 2.2650 -154.6700 C
2.2660 -155.2600 2.2670 -156.0500 2.2680 -156.6700 C
2.2690 -157.9800 2.2700 -159.0300 2.2710 -160.1600 C
2.2720 -161.1600 2.2730 -162.2000 2.2740 -163.1700 C
2.2750 -164.0900 2.2760 -164.9200 2.2770 -165.6700 C
2.2780 -166.3300 2.2790 -166.9600 2.2800 -167.3900 C
2.2810 -167.8000 2.2820 -168.1400 2.2830 -168.4100 C
2.2840 -168.6100 2.2850 -168.7600 2.2860 -168.8600 C
2.2870 -168.8900 2.2880 -168.9200 2.2890 -168.9200 C
2.2900 -168.6900 2.2910 -168.4700 2.2920 -168.1600 C
2.2930 -167.2200 2.2940 -167.1400 2.2950 -166.3800 C
2.2960 -165.4200 2.2970 -164.1900 2.2980 -162.6900 C
2.2990 -160.6500 2.3000 -158.6500 2.3010 -156.0200 C
2.3020 -152.9500 2.3030 -149.3700 2.3040 -145.2800 C
2.3050 -140.6100 2.3060 -135.3600 2.3070 -129.5500 C
2.3080 -123.0700 2.3090 -115.8600 2.3100 -108.3000 C
2.3110 -100.0100 2.3120 -91.1600 2.3130 -81.7690 C
2.3140 -71.9080 2.3150 -61.5980 2.3160 -50.9510 C
2.3170 -39.9940 2.3180 -28.8630 2.3190 -17.5990 C
2.3200 -6.3540 2.3210 4.8150 2.3220 15.7620 C
2.3230 26.4130 2.3240 36.6120 2.3250 46.2960 C
2.3260 55.3110 2.3270 63.6000 2.3280 71.0200 C
2.3290 77.5250 2.3300 82.9930 2.3310 87.3940 C
2.3320 90.6330 2.3330 92.7600 2.3340 93.5310 C
2.3350 93.1390 2.3360 91.4980 2.3370 88.6700 C
2.3380 84.5700 2.3390 79.3900 2.3400 73.0700 C
2.3410 65.6880 2.3420 57.3880 2.3430 48.2310 C
2.3440 38.3180 2.3450 27.5550 2.3460 16.6620 C
2.3470 5.1500 2.3480 -6.6560 2.3490 -18.6280 C
2.3500 -30.6510 2.3510 -42.6180 2.3520 -54.4010 C
2.3530 -65.9130 2.3540 -77.6410 2.3550 -87.7150 C
2.3560 -97.8430 2.3570 -107.8600 2.3580 -116.2600 C
2.3590 -124.4400 2.3600 -131.8100 2.3610 -138.5590 C
2.3620 -144.6500 2.3630 -149.9600 2.3640 -154.5

2.4150	-48.4339 C	2.
2.4180	-30.8710 C	2.
2.4210	-20.1420 C	2.
2.4240	-17.3202 C	2.
2.4270	-22.2859 C	2.
2.4300	-33.9350 C	2.
2.4330	-50.1262 C	2.
2.4360	-68.2179 C	2.
2.4390	-85.3050 C	2.
2.4420	-98.8370 C	2.
2.4450	-106.8500 C	2.
2.4480	-108.4600 C	2.
2.4510	-103.7200 C	2.
2.4540	-93.8560 C	2.
2.4570	-80.8070 C	2.
2.4600	-67.0680 C	2.
2.4630	-56.1200 C	2.
2.4660	-47.1720 C	2.
2.4690	-41.6830 C	2.
2.4720	-48.2540 C	2.
2.4750	-57.4670 C	2.
2.4780	-71.0220 C	2.
2.4810	-86.9100 C	2.
2.4840	-102.7490 C	2.
2.4870	-116.0700 C	2.
2.4900	-124.7500 C	2.
2.4930	-127.1800 C	2.
2.4960	-122.6200 C	2.
2.4990	-110.7000 C	2.
2.5020	-92.4720 C	2.
2.5050	-89.1440 C	2.
2.5080	-82.5340 C	2.
2.5110	-74.5730 C	2.
2.5140	12.7370 C	2.
2.5170	37.7190 C	2.
2.5200	58.9570 C	2.
2.5230	75.8930 C	2.
2.5260	87.1850 C	2.
2.5290	93.8150 C	2.
2.5320	96.8990 C	2.
2.5350	94.2620 C	2.
2.5380	89.9180 C	2.
2.5410	83.8970 C	2.
2.5440	77.5760 C	2.
2.5470	71.7710 C	2.
2.5500	67.4260 C	2.
2.5530	65.2380 C	2.
2.5560	65.0570 C	2.
2.5590	68.5420 C	2.
2.5620	74.0190 C	2.
2.5650	81.8810 C	2.
2.5680	91.0210 C	2.
2.5710	101.5460 C	2.
2.5740	112.7460 C	2.
2.5770	124.2560 C	2.
2.5800	135.8560 C	2.
2.5830	147.4900 C	2.
2.5860	159.2400 C	2.
2.5890	171.2800 C	2.
2.5920	183.7300 C	2.
2.5950	196.6400 C	2.
2.5980	209.8700 C	2.
2.6010	223.1200 C	2.
2.6040	235.8300 C	2.
2.6070	247.3800 C	2.
2.6100	257.1160 C	2.
2.6130	264.5100 C	2.
2.6160	269.2920 C	2.
2.6190	271.5600 C	2.
2.6220	271.7930 C	2.
2.6250	270.8700 C	2.
2.6280	269.9100 C	2.
2.6310	269.1490 C	2.
2.6340	272.6200 C	2.
2.6370	278.1490 C	2.
2.6400	285.8700 C	2.
2.6430	298.4300 C	2.
2.6460	311.7600 C	2.
2.6490	325.2600 C	2.
2.6520	337.0000 C	2.
2.6550	345.0000 C	2.
2.6580	347.5700 C	2.
2.6610	343.3600 C	2.
2.6640	331.8400 C	2.
2.6670	313.2600 C	2.
2.6700	288.6900 C	2.
2.6730	259.4900 C	2.
2.6760	227.9200 C	2.
2.6790	195.9700 C	2.
2.6820	165.5400 C	2.

328.0700 C	2.9530 -61
114.5000 C	2.9560 -61
95.0570 C	2.9590 -61
79.5640 C	2.9620 -7
67.3500 C	2.9550 -74
67.8070 C	2.9580 -8
50.1160 C	2.9710 -8
43.8910 C	2.9740 -8
36.9230 C	2.9770 -7
35.3730 C	2.9800 -61
33.4930 C	2.9830 -5
33.8910 C	2.9860 -3
35.8370 C	2.9890 -2
39.9580 C	2.9920 -14
45.3180 C	2.9950 -
50.9130 C	2.9980
55.4240 C	
57.5570 C	
56.1160 C	
50.5500 C	
40.8900 C	
-27.9840 C	3017
-13.3060 C	STRS -3.337E+03-3.5
-1.0000 C	ELEM 3018
-13.0640 C	STRS -3.388E+03-3.4
-20.6820 C	ELEM 3019
-22.5830 C	STRS -3.469E+03-3.3
-18.3240 C	ELEM 3020
-8.5640 C	STRS -3.510E+03-3.3
-6.1170 C	ELEM 3021
-20.2740 C	STRS -3.510E+03-3.3
-33.9420 C	ELEM 3022
43.4110 C	STRS -3.469E+03-3.3
46.4800 C	ELEM 3023
41.7210 C	STRS -3.388E+03-3.4
29.0370 C	ELEM 3024
9.9270 C	STRS -3.337E+03-3.5
-14.7520 C	ELEM 3025
-40.9170 C	STRS -3.337E+03-3.5
-65.9480 C	ELEM 3026
-87.2190 C	STRS -3.388E+03-3.4
-102.8400 C	ELEM 3027
-112.0800 C	STRS -3.469E+03-3.3
-115.9000 C	ELEM 3028
-114.3500 C	STRS -3.510E+03-3.3
-111.2400 C	ELEM 3029
-108.6200 C	STRS -3.510E+03-3.3
-105.7500 C	ELEM 3030
-113.1200 C	STRS -3.469E+03-3.3
-92.0000 C	ELEM 3031
-134.8100 C	STRS -3.388E+03-3.4
-149.3030 C	ELEM 3032
-162.8100 C	STRS -3.337E+03-3.5
-172.3600 C	ELEM 3033
-176.2800 C	STRS -2.443E+03-2.8
-192.0000 C	ELEM 3034
-165.4300 C	STRS -2.558E+03-2.7
-133.1000 C	ELEM 3035
-105.1000 C	STRS -2.719E+03-2.5
-74.7920 C	ELEM 3036
-46.9500 C	STRS -2.833E+03-2.4
-22.2500 C	ELEM 3037
-6.7420 C	STRS -2.833E+03-2.4
-1.0340 C	ELEM 3038
-5.3790 C	STRS -2.719E+03-2.5
-18.5110 C	ELEM 3039
-37.8900 C	STRS -2.558E+03-2.7
-60.1820 C	ELEM 3040
-83.8460 C	STRS -2.443E+03-2.8
-93.7010 C	ELEM 3041
-111.4800 C	STRS -2.443E+03-2.8
-116.0900 C	ELEM 3042
-113.7900 C	STRS -2.558E+03-2.7
-105.9200 C	ELEM 3043
-95.7030 C	STRS -2.719E+03-2.5
-83.8500 C	ELEM 3044
-72.1250 C	STRS -2.833E+03-2.4
-64.8640 C	ELEM 3045
-61.7850 C	STRS -2.833E+03-2.4
-62.7050 C	ELEM 3046
-65.7620 C	STRS -2.719E+03-2.5
-67.7000 C	ELEM 3047
-77.3210 C	STRS -2.558E+03-2.7
-81.8400 C	ELEM 3048
-83.2180 C	STRS -2.443E+03-2.8
-81.8250 C	ELEM 3049
-78.1920 C	STRS -3.186E+03-2.6
-77.3000 C	ELEM 3050
-68.8530 C	STRS -3.036E+03-2.8
-65.9170 C	ELEM 3051

2.9530	-65.4500	2.9540	-65.2870	2.9550	-65.4340
2.9540	-65.4800	2.9570	-66.5500	2.9580	-67.6920
2.9550	-68.9300	2.9600	-70.9110	2.9610	-72.2100
2.9620	-74.0310	2.9630	-75.5210	2.9640	-77.8230
2.9650	-79.6750	2.9660	-81.0000	2.9670	-82.3550
2.9680	-84.2550	2.9690	-85.7520	2.9700	-88.3020
2.9710	-85.1300	2.9720	-85.5200	2.9730	-85.2300
2.9740	-84.0560	2.9750	-82.3700	2.9760	-80.1730
2.9770	-77.4800	2.9780	-74.3090	2.9790	-70.1690
2.9800	-66.6760	2.9810	-62.3050	2.9820	-67.6360
2.9830	-62.7350	2.9840	-67.5760	2.9850	-62.5310
2.9860	-67.3690	2.9870	-82.2710	2.9880	-82.5510
2.9890	-82.5520	2.9900	-18.0650	2.9910	-13.9120
2.9920	-10.1150	2.9930	-6.7920	2.9940	-3.8980
2.9950	-1.4860	2.9960	0.4440	2.9970	1.8620
2.9980	2.5520	2.9990	3.3680	3.0000	3.4740
0.0000					
0.00100000					
1					
3017					
3.337E+03	-3.510E+03	-2.135E+04	3.570E+01	3.147E+02	1.563E+03
3018					
3.383E+03	-3.459E+03	-2.136E+04	8.627E+01	8.968E+02	1.342E+03
3019					
3.459E+03	-3.388E+03	-2.136E+04	8.627E+01	1.342E+03	8.968E+02
3020					
3.510E+03	-3.337E+03	-2.136E+04	3.570E+01	1.563E+03	3.147E+02
3021					
3.510E+03	-3.337E+03	-2.136E+04	3.570E+01	1.563E+03	-3.147E+02
3022					
3.459E+03	-3.388E+03	-2.136E+04	8.627E+01	1.342E+03	8.968E+02
3023					
3.383E+03	-3.459E+03	-2.136E+04	8.627E+01	8.968E+02	1.342E+03
3024					
3.337E+03	-3.510E+03	-2.136E+04	3.570E+01	3.147E+02	1.563E+03
3025					
3.337E+03	-3.510E+03	-2.136E+04	3.570E+01	3.147E+02	1.563E+03
3026					
3.459E+03	-3.388E+03	-2.136E+04	8.627E+01	8.968E+02	1.342E+03
3027					
3.510E+03	-3.337E+03	-2.136E+04	3.570E+01	1.563E+03	3.147E+02
3028					
3.510E+03	-3.337E+03	-2.136E+04	3.570E+01	1.563E+03	3.147E+02
3029					
3.459E+03	-3.388E+03	-2.136E+04	8.627E+01	8.968E+02	1.342E+03
3030					
3.383E+03	-3.459E+03	-2.136E+04	8.627E+01	8.968E+02	1.342E+03
3031					
3.337E+03	-3.510E+03	-2.136E+04	3.570E+01	3.147E+02	1.563E+03
3032					
3.443E+03	-2.833E+03	-1.946E+04	8.060E+01	6.577E+02	3.306E+03
3033					
2.558E+03	-2.719E+03	-1.946E+04	1.946E+02	2.803E+03	1.873E+03
3034					
3.337E+03	-3.510E+03	-2.136E+04	3.570E+01	3.147E+02	1.563E+03
3035					
3.337E+03	-3.510E+03	-2.136E+04	3.570E+01	3.147E+02	1.563E+03
3036					
3.443E+03	-2.833E+03	-1.946E+04	8.060E+01	6.577E+02	3.306E+03
3037					
2.558E+03	-2.719E+03	-1.946E+04	1.946E+02	2.803E+03	1.873E+03
3038					
2.558E+03	-2.719E+03	-1.946E+04	1.946E+02	2.803E+03	1.873E+03
3039					
2.558E+03	-2.719E+03	-1.946E+04	1.946E+02	2.803E+03	1.873E+03
3040					
2.443E+03</					

STRS -2.810E+03-3.036E+03-1.745E+04-2.735E+02 2.646E+03 1.768E+03
ELEM 3052
STRS -2.649E+03-3.196E+03-1.745E+04-1.134E+02 3.121E+03 6.209E+02
ELEM 3053
STRS -2.649E+03-3.196E+03-1.745E+04 1.134E+02 3.121E+03-6.209E+02
ELEM 3054
STRS -2.810E+03-3.036E+03-1.745E+04 2.735E+02 2.646E+03-1.768E+03
ELEM 3055
STRS -3.036E+03-2.810E+03-1.745E+04 2.735E+02 1.768E+03-2.646E+03
ELEM 3056
STRS -3.196E+03-2.649E+03-1.745E+04 1.134E+02 6.209E+02-3.121E+03
ELEM 3057
STRS -2.196E+03-2.649E+03-1.745E+04-1.134E+02-6.209E+02-3.121E+03
ELEM 3058
STRS -3.036E+03-2.810E+03-1.745E+04-2.735E+02-1.768E+03-2.646E+03
ELEM 3059
STRS -2.810E+03-3.036E+03-1.745E+04-2.735E+02-2.646E+03-1.768E+03
ELEM 3060
STRS -2.649E+03-3.196E+03-1.745E+04-1.134E+02-3.121E+03-6.209E+02
ELEM 3061
STRS -2.649E+03-3.196E+03-1.745E+04 1.134E+02-3.121E+03 6.209E+02
ELEM 3062
STRS -2.810E+03-3.036E+03-1.745E+04 2.735E+02-2.646E+03 1.768E+03
ELEM 3063
STRS -3.036E+03-2.810E+03-1.745E+04 2.735E+02-1.768E+03 2.646E+03
ELEM 3064
STRS -3.196E+03-2.649E+03-1.745E+04 1.134E+02-6.209E+02 3.121E+03
ELEM 3065
STRS -3.379E+03-2.308E+03-1.343E+04-2.218E+02 7.220E+02 3.630E+03
ELEM 3066
STRS -3.066E+03-2.622E+03-1.343E+04-5.356E+02 2.056E+03 3.077E+03
ELEM 3067
STRS -2.622E+03-3.066E+03-1.343E+04-5.356E+02 3.077E+03 2.056E+03
ELEM 3068
STRS -2.308E+03-3.379E+03-1.343E+04-2.218E+02 3.630E+03 7.220E+02
ELEM 3069
STRS -2.308E+03-3.379E+03-1.343E+04 2.218E+02 3.630E+03-7.220E+02
ELEM 3070
STRS -2.622E+03-3.066E+03-1.343E+04 5.356E+02 3.077E+03-2.056E+03
ELEM 3071
STRS -3.066E+03-2.622E+03-1.343E+04 5.356E+02 2.056E+03-3.077E+03
ELEM 3072
STRS -3.379E+03-2.308E+03-1.343E+04 2.218E+02 7.220E+02-3.630E+03
ELEM 3073
STRS -3.379E+03-2.308E+03-1.343E+04-2.218E+02-7.220E+02-3.630E+03
ELEM 3074
STRS -3.066E+03-2.622E+03-1.343E+04-5.356E+02-2.056E+03-3.077E+03
ELEM 3075
STRS -2.622E+03-3.066E+03-1.343E+04-5.356E+02-3.077E+03-2.056E+03
ELEM 3076
STRS -2.308E+03-3.379E+03-1.343E+04-2.218E+02-3.630E+03-7.220E+02
ELEM 3077
STRS -2.308E+03-3.379E+03-1.343E+04 2.218E+02-3.630E+03 7.220E+02
ELEM 3078
STRS -2.622E+03-3.066E+03-1.343E+04 5.356E+02-3.077E+03 2.056E+03
ELEM 3079
STRS -3.066E+03-2.622E+03-1.343E+04 5.356E+02-2.056E+03 3.077E+03
ELEM 3080
STRS -3.379E+03-2.308E+03-1.343E+04 2.218E+02-7.220E+02 3.630E+03
ELEM 3081
STRS -3.100E+03-1.436E+03-5.535E+03-3.447E+02 6.449E+02 3.242E+03
ELEM 3082
STRS -2.613E+03-1.924E+03-5.535E+03-8.320E+02 1.836E+03 2.748E+03
ELEM 3083
STRS -1.924E+03-2.613E+03-5.535E+03-8.320E+02 2.748E+03 1.836E+03
ELEM 3084
STRS -1.436E+03-3.100E+03-5.535E+03-3.447E+02 3.242E+03 6.449E+02
ELEM 3085
STRS -1.436E+03-3.100E+03-5.535E+03 3.447E+02 3.242E+03-6.449E+02
ELEM 3086
STRS -1.924E+03-2.613E+03-5.535E+03 8.320E+02 2.748E+03-1.836E+03
ELEM 3087
STRS -2.613E+03-1.924E+03-5.535E+03 8.320E+02 1.836E+03-2.748E+03
ELEM 3088
STRS -3.100E+03-1.436E+03-5.535E+03 3.447E+02 6.449E+02-3.242E+03
ELEM 3089
STRS -3.100E+03-1.436E+03-5.535E+03-3.447E+02-6.449E+02-3.242E+03
ELEM 3090
STRS -2.613E+03-1.924E+03-5.535E+03-8.320E+02-1.836E+03-2.748E+03
ELEM 3091
STRS -1.924E+03-2.613E+03-5.535E+03-8.320E+02-2.748E+03-1.836E+03
ELEM 3092
STRS -1.436E+03-3.100E+03-5.535E+03-3.447E+02-3.242E+03-6.449E+02
ELEM 3093
STRS -1.436E+03-3.100E+03-5.535E+03 3.447E+02-3.242E+03 6.449E+02
ELEM 3094
STRS -1.924E+03-2.613E+03-5.535E+03 8.320E+02-2.748E+03 1.836E+03
ELEM 3095
STRS -2.613E+03-1.924E+03-5.535E+03 8.320E+02-1.836E+03 2.748E+03
ELEM 3096

STRS -3.100E+03-1.436E+03-5.535E+03 3.447E+02-6.449E+02 3.242E+03
ELEM 3113
STRS -3.088E+03-3.243E+03-2.038E+04 3.215E+01-1.032E+02-5.185E+02
ELEM 3114
STRS -3.133E+03-3.198E+03-2.038E+04 7.770E+01-2.936E+02-4.395E+02
ELEM 3115
STRS -3.198E+03-3.133E+03-2.038E+04 7.770E+01-4.395E+02-2.936E+02
ELEM 3116
STRS -3.243E+03-3.088E+03-2.038E+04 3.215E+01-5.185E+02-1.032E+02
ELEM 3117
STRS -3.243E+03-3.088E+03-2.038E+04-3.215E+01-5.185E+02-1.032E+02
ELEM 3118
STRS -3.198E+03-3.133E+03-2.038E+04-7.770E+01-4.395E+02-2.936E+02
ELEM 3119
STRS -3.133E+03-3.198E+03-2.038E+04-7.770E+01-2.936E+02-4.395E+02
ELEM 3120
STRS -3.088E+03-3.243E+03-2.038E+04-3.215E+01-1.032E+02-5.185E+02
ELEM 3121
STRS -3.088E+03-3.243E+03-2.038E+04 3.215E+01-1.032E+02-5.185E+02
ELEM 3122
STRS -3.133E+03-3.198E+03-2.038E+04 7.770E+01-2.936E+02-4.395E+02
ELEM 3123
STRS -3.198E+03-3.133E+03-2.038E+04 7.770E+01-4.395E+02-2.936E+02
ELEM 3124
STRS -3.243E+03-3.088E+03-2.038E+04 3.215E+01-5.185E+02-1.032E+02
ELEM 3125
STRS -3.243E+03-3.088E+03-2.038E+04-3.215E+01-5.185E+02-1.032E+02
ELEM 3126
STRS -3.198E+03-3.133E+03-2.038E+04-7.770E+01-4.395E+02-2.936E+02
ELEM 3127
STRS -3.133E+03-3.198E+03-2.038E+04-7.770E+01-2.936E+02-4.395E+02
ELEM 3128
STRS -3.088E+03-3.243E+03-2.038E+04-3.215E+01-1.032E+02-5.185E+02
ELEM 3129
STRS -3.738E+03-4.092E+03-2.456E+04 7.329E+01-5.002E+01 2.511E+02
ELEM 3130
STRS -3.842E+03-3.988E+03-2.456E+04 1.770E+02 1.421E+02 2.128E+02
ELEM 3131
STRS -3.988E+03-3.842E+03-2.456E+04 1.770E+02 2.128E+02 1.421E+02
ELEM 3132
STRS -4.092E+03-3.738E+03-2.456E+04 7.329E+01 2.511E+02 5.002E+01
ELEM 3133
STRS -4.092E+03-3.738E+03-2.456E+04-7.329E+01-2.511E+02-5.002E+01
ELEM 3134
STRS -3.988E+03-3.842E+03-2.456E+04-1.770E+02-1.421E+02-2.128E+02
ELEM 3135
STRS -3.842E+03-3.988E+03-2.456E+04-1.770E+02 1.421E+02-2.128E+02
ELEM 3136
STRS -3.738E+03-4.092E+03-2.456E+04-7.329E+01-5.002E+01-2.511E+02
ELEM 3137
STRS -3.738E+03-4.092E+03-2.456E+04 7.329E+01-5.002E+01-2.511E+02
ELEM 3138
STRS -3.842E+03-3.988E+03-2.456E+04 1.770E+02-1.421E+02-2.128E+02
ELEM 3139
STRS -3.988E+03-3.842E+03-2.456E+04 1.770E+02-2.128E+02-1.421E+02
ELEM 3140
STRS -4.092E+03-3.738E+03-2.456E+04 7.329E+01-2.511E+02-5.002E+01
ELEM 3141
STRS -4.092E+03-3.738E+03-2.456E+04-7.329E+01-2.511E+02-5.002E+01
ELEM 3142
STRS -3.988E+03-3.842E+03-2.456E+04-1.770E+02-2.128E+02-1.421E+02
ELEM 3143
STRS -3.842E+03-3.988E+03-2.456E+04-1.770E+02-1.421E+02 2.128E+02
ELEM 3144
STRS -3.738E+03-4.092E+03-2.456E+04-7.329E+01-5.002E+01 2.511E+02
ELEM 3145
STRS -6.143E+02-2.054E+03-1.914E+04 2.981E+02 1.571E+03 7.900E+03
ELEM 3146
STRS -1.036E+03-1.632E+03-1.914E+04 7.200E+02 4.475E+03 6.695E+03
ELEM 3147
STRS -1.632E+03-1.036E+03-1.914E+04 7.200E+02 4.475E+03 6.695E+03
ELEM 3148
STRS -2.054E+03-6.143E+02-1.914E+04 2.981E+02 7.900E+03-1.571E+03
ELEM 3149
STRS -2.054E+03-6.143E+02-1.914E+04-2.981E+02-7.900E+03-1.571E+03
ELEM 3150
STRS -1.632E+03-1.036E+03-1.914E+04-7.200E+02-4.475E+03-6.695E+03
ELEM 3151
STRS -1.036E+03-1.632E+03-1.914E+04-7.200E+02-4.475E+03-6.695E+03
ELEM 3152
STRS -6.143E+02-2.054E+03-1.914E+04-2.981E+02-1.571E+03-7.900E+03
ELEM 3153
STRS -6.143E+02-2.054E+03-1.914E+04 2.981E+02-1.571E+03-7.900E+03
ELEM 3154
STRS -1.036E+03-1.632E+03-1.914E+04 7.200E+02-4.475E+03-6.695E+03
ELEM 3155
STRS -1.632E+03-1.036E+03-1.914E+04 7.200E+02-4.475E+03-6.695E+03
ELEM 3156
STRS -2.054E+03-6.143E+02-1.914E+04 2.981E+02-7.900E+03-1.571E+03
ELEM 3157

STRS -2.054E+03-6.143E+02-1.914E+04-2.981E+02-7.900E+03 1.571E+03
ELEM 3158
STRS -6.632E+03-1.036E+03-1.914E+04-7.200E+02-6.695E+03 4.475E+03
ELEM 3159
STRS -1.036E+03-1.632E+03-1.914E+04-7.200E+02-4.475E+03 6.695E+03
ELEM 3160
STRS -6.143E+02-2.054E+03-1.914E+04-2.981E+02-1.571E+03 7.900E+03
ELEM 3161
STRS -1.749E+03-4.831E+02-8.457E+03-2.620E+02 9.400E+02 4.725E+03
ELEM 3162
STRS -1.378E+03-8.541E+02-8.458E+03-6.329E+02 2.677E+03 4.008E+03
ELEM 3163
STRS -8.541E+02-1.378E+03-8.458E+03-6.329E+02 4.008E+03 2.677E+03
ELEM 3164
STRS -4.831E+02-1.749E+03-8.457E+03-2.620E+02 4.725E+03 9.400E+02
ELEM 3165
STRS -4.831E+02-1.749E+03-8.457E+03 2.620E+02 4.725E+03-9.400E+02
ELEM 3166
STRS -8.541E+02-1.378E+03-8.458E+03 6.329E+02 4.008E+03-2.677E+03
ELEM 3167
STRS -1.378E+03-8.541E+02-8.458E+03 6.329E+02 2.677E+03-4.008E+03
ELEM 3168
STRS -1.749E+03-4.831E+02-8.457E+03 2.620E+02-4.725E+03-9.400E+02
ELEM 3169
STRS -1.749E+03-4.831E+02-8.457E+03-2.620E+02-4.725E+03-9.400E+02
ELEM 3170
STRS -1.378E+03-8.541E+02-8.458E+03-6.329E+02-2.677E+03-4.008E+03
ELEM 3171
STRS -8.541E+02-1.378E+03-8.458E+03-6.329E+02-4.008E+03-2.677E+03
ELEM 3172
STRS -4.831E+02-1.749E+03-8.457E+03-2.620E+02-4.725E+03-9.400E+02
ELEM 3173
STRS -4.831E+02-1.749E+03-8.457E+03 2.620E+02-4.725E+03-9.400E+02
ELEM 3174
STRS -8.541E+02-1.378E+03-8.458E+03 6.329E+02-4.008E+03 2.677E+03
ELEM 3175
STRS -1.378E+03-8.541E+02-8.458E+03 6.329E+02-2.677E+03 4.008E+03
ELEM 3176
STRS -1.749E+03-4.831E+02-8.457E+03 2.620E+02-4.725E+03-9.400E+02
ELEM 3177
STRS -3.543E+03-9.050E+02-3.222E+03-5.464E+02 1.097E+03 5.515E+03
ELEM 3178
STRS -2.770E+03-1.678E+03-3.222E+03-1.319E+03 3.124E+03 4.676E+03
ELEM 3179
STRS -1.678E+03-2.770E+03-3.222E+03-1.319E+03 3.124E+03 4.676E+03
ELEM 3180
STRS -9.050E+02-3.543E+03-3.222E+03-5.464E+02 5.515E+03 1.097E+03
ELEM 3181
STRS -9.050E+02-3.543E+03-3.222E+03 5.464E+02 5.515E+03-1.097E+03
ELEM 3182
STRS -1.678E+03-2.770E+03-3.222E+03 1.319E+03 3.124E+03-4.676E+03
ELEM 3183
STRS -2.770E+03-1.678E+03-3.222E+03 1.319E+03 3.124E+03-4.676E+03
ELEM 3184
STRS -3.543E+03-9.050E+02-3.222E+03 5.464E+02 1.097E+03-5.515E+03
ELEM 3185
STRS -3.543E+03-9.050E+02-3.222E+03-5.464E+02-1.097E+03-5.515E+03
ELEM 3186
STRS -2.770E+03-1.678E+03-3.222E+03-1.319E+03 3.124E+03-4.676E+03
ELEM 3187
STRS -1.678E+03-2.770E+03-3.222E+03-1.319E+03-3.124E+03-4.676E+03
ELEM 3188
STRS -9.050E+02-3.543E+03-3.222E+03-5.464E+02-5.515E+03-1.097E+03
ELEM 3189
STRS -9.050E+02-3.543E+03-3.222E+03 5.464E+02-5.515E+03 1.097E+03
ELEM 3190
STRS -1.678E+03-2.770E+03-3.222E+03 1.319E+03-3.124E+03 4.676E+03
ELEM 3191
STRS -2.770E+03-1.678E+03-3.222E+03 1.319E+03-3.124E+03 4.676E+03
ELEM 3192
STRS -3.543E+03-9.050E+02-3.222E+03 5.464E+02-1.097E+03 5.515E+03
ELEM 3209
STRS 2.098E+00 2.361E+02 1.511E+02-4.833E+01 2.206E+02 1.117E+03
ELEM 3210
STRS 7.088E+01 1.671E+02 1.507E+02-1.172E+02 6.312E+02 9.425E+02
ELEM 3211
STRS 1.655E+02 6.859E+01 1.464E+02-1.173E+02 9.425E+02 6.347E+02
ELEM 3212
STRS 2.341E+02-9.789E-01 1.445E+02-4.816E+01 1.110E+03 2.176E+02
ELEM 3213
STRS 2.341E+02-9.789E-01 1.445E+02 4.816E+01 1.110E+03-2.176E+02
ELEM 3214
STRS 1.655E+02 6.859E+01 1.464E+02 1.173E+02 9.425E+02-6.347E+02
ELEM 3215
STRS 7.088E+01 1.671E+02 1.507E+02 1.172E+02 6.312E+02-9.425E+02
ELEM 3216
STRS 2.098E+00 2.361E+02 1.511E+02 4.833E+01 2.206E+02-1.117E+03
ELEM 3217
STRS 2.098E+00 2.361E+02 1.511E+02-4.833E+01-2.206E+02-1.117E+03
ELEM 3218

STRS 7.088E+01 1.671E+02 1.507E+02-1.172E+02-6.312E+02-9.425E+02
ELEM 3219
STRS 1.655E+02 6.859E+01 1.454E+02-1.173E+02-9.425E+02-6.347E+02
ELEM 3220
STRS 2.341E+02-9.789E-01 1.445E+02-4.815E+01-1.110E+03-2.176E+02
ELEM 3221
STRS 2.341E+02-9.789E-01 1.445E+02 4.815E+01-1.110E+03 2.176E+02
ELEM 3222
STRS 1.655E+02 6.859E+01 1.454E+02 1.173E+02-9.425E+02 6.347E+02
ELEM 3223
STRS 7.088E+01 1.671E+02 1.507E+02 1.172E+02-6.312E+02 9.425E+02
ELEM 3224
STRS 2.038E+00 2.361E+02 1.511E+02 4.833E+01-2.206E+02 1.117E+03
ELEM 3225
STRS 5.105E+02 9.420E+02 3.920E+03-8.952E+01 4.626E+02 2.331E+03
ELEM 3226
STRS 6.352E+02 8.131E+02 3.913E+03-2.165E+02 1.317E+03 1.976E+03
ELEM 3227
STRS 8.105E+02 6.309E+02 3.902E+03-2.163E+02 1.968E+03 1.318E+03
ELEM 3228
STRS 9.368E+02 5.036E+02 3.899E+03-8.934E+01 2.325E+03 4.620E+02
ELEM 3229
STRS 9.368E+02 5.036E+02 3.899E+03 8.934E+01 2.325E+03 4.620E+02
ELEM 3230
STRS 8.105E+02 6.309E+02 3.902E+03 2.163E+02 1.968E+03 1.318E+03
ELEM 3231
STRS 6.352E+02 8.131E+02 3.913E+03 2.165E+02 1.317E+03 1.976E+03
ELEM 3232
STRS 5.105E+02 9.420E+02 3.920E+03 8.952E+01 4.626E+02 2.331E+03
ELEM 3233
STRS 5.105E+02 9.420E+02 3.920E+03-8.952E+01-4.626E+02-2.331E+03
ELEM 3234
STRS 6.352E+02 8.131E+02 3.913E+03-2.165E+02-1.317E+03-1.976E+03
ELEM 3235
STRS 8.105E+02 6.309E+02 3.902E+03-2.163E+02-1.968E+03-1.318E+03
ELEM 3236
STRS 9.368E+02 5.036E+02 3.899E+03-8.934E+01-2.325E+03-4.620E+02
ELEM 3237
STRS 9.368E+02 5.036E+02 3.899E+03 8.934E+01-2.325E+03 4.620E+02
ELEM 3238
STRS 8.106E+02 6.309E+02 3.902E+03 2.163E+02-1.968E+03 1.318E+03
ELEM 3239
STRS 6.352E+02 8.131E+02 3.913E+03 2.165E+02-1.317E+03 1.976E+03
ELEM 3240
STRS 5.105E+02 9.420E+02 3.920E+03 8.952E+01-4.626E+02 2.331E+03
ELEM 3241
STRS 2.195E+03 2.223E+02-3.212E+03 4.086E+02 2.507E+03 1.261E+04
ELEM 3242
STRS 1.617E+03 8.004E+02-3.212E+03 9.855E+02 7.143E+03 1.069E+04
ELEM 3243
STRS 8.004E+02 1.617E+03-3.212E+03 9.855E+02 1.069E+04 7.143E+03
ELEM 3244
STRS 2.223E+02 2.195E+03-3.212E+03 4.086E+02 1.261E+04 2.507E+03
ELEM 3245
STRS 2.223E+02 2.195E+03-3.212E+03 4.086E+02 1.261E+04 2.507E+03
ELEM 3246
STRS 8.004E+02 1.617E+03-3.212E+03 9.855E+02 1.069E+04 7.143E+03
ELEM 3247
STRS 1.617E+03 8.004E+02-3.212E+03 9.855E+02 7.143E+03 1.069E+04
ELEM 3248
STRS 2.195E+03 2.223E+02-3.212E+03 4.086E+02 2.507E+03 1.261E+04
ELEM 3249
STRS 2.195E+03 2.223E+02-3.212E+03 4.086E+02 2.507E+03 1.261E+04
ELEM 3250
STRS 1.617E+03 8.004E+02-3.212E+03 9.855E+02-7.143E+03-1.069E+04
ELEM 3251
STRS 8.004E+02 1.617E+03-3.212E+03 9.855E+02-1.069E+04-7.143E+03
ELEM 3252
STRS 2.223E+02 2.195E+03-3.212E+03 4.086E+02-1.261E+04-2.507E+03
ELEM 3253
STRS 2.223E+02 2.195E+03-3.212E+03 4.086E+02-1.261E+04 2.507E+03
ELEM 3254
STRS 8.004E+02 1.617E+03-3.212E+03 9.855E+02-1.069E+04 7.143E+03
ELEM 3255
STRS 1.617E+03 8.004E+02-3.212E+03 9.855E+02-7.143E+03 1.069E+04
ELEM 3256
STRS 2.195E+03 2.223E+02-3.212E+03 4.086E+02-2.507E+03 1.261E+04
ELEM 3257
STRS -5.765E+02-6.592E+02-5.788E+03 1.719E+01 6.744E+03 1.342E+03
ELEM 3258
STRS -6.007E+02-6.351E+02-5.788E+03 4.133E+01 3.820E+03 5.717E+03
ELEM 3259
STRS -6.351E+02-6.007E+02-5.788E+03 4.133E+01 5.717E+03 3.820E+03
ELEM 3260
STRS -6.592E+02-5.765E+02-5.788E+03 1.719E+01 6.744E+03 1.342E+03
ELEM 3261
STRS -6.592E+02-5.765E+02-5.788E+03-1.719E+01 6.744E+03-1.342E+03
ELEM 3262
STRS -6.351E+02-6.007E+02-5.788E+03-4.133E+01 5.717E+03-3.820E+03
ELEM 3263

STRS -5.007E+02-6.351E+02-5.788E+03-4.133E+01 3.820E+03-5.717E+03
ELEM 3264
STRS -5.765E+02-6.592E+02-5.788E+03-1.719E+01 6.744E+03
ELEM 3265
STRS -5.765E+02-6.592E+02-5.788E+03 1.719E+01-6.744E+03 1.342E+03
ELEM 3266
STRS -5.007E+02-6.351E+02-5.788E+03 4.133E+01-3.820E+03-5.717E+03
ELEM 3267
STRS -6.351E+02-6.007E+02-5.788E+03 4.133E+01-5.717E+03-3.820E+03
ELEM 3268
STRS -6.592E+02-5.765E+02-5.788E+03 1.719E+01-6.744E+03-1.342E+03
ELEM 3269
STRS -6.592E+02-5.765E+02-5.788E+03-1.719E+01-6.744E+03 1.342E+03
ELEM 3270
STRS -6.351E+02-6.007E+02-5.788E+03-4.133E+01-5.717E+03 3.820E+03
ELEM 3271
STRS -5.007E+02-6.351E+02-5.788E+03-4.133E+01-3.820E+03 5.717E+03
ELEM 3272
STRS -6.766E+02-6.592E+02-5.788E+03-1.719E+01-6.744E+03 1.342E+03
ELEM 3273
STRS -1.875E+03-6.427E+02-2.395E+03-2.553E+02 1.307E+03 6.571E+03
ELEM 3274
STRS -1.514E+03-1.004E+03-2.395E+03-6.162E+02 3.722E+03 5.571E+03
ELEM 3275
STRS -1.004E+03-1.514E+03-2.395E+03-6.162E+02 5.571E+03 3.722E+03
ELEM 3276
STRS -6.427E+02-1.875E+03-2.395E+03-2.553E+02 6.571E+03 1.307E+03
ELEM 3277
STRS -6.427E+02-1.875E+03-2.395E+03 2.553E+02 6.571E+03-1.307E+03
ELEM 3278
STRS -1.004E+03-1.514E+03-2.395E+03 6.162E+02 5.571E+03-3.722E+03
ELEM 3279
STRS -1.514E+03-1.004E+03-2.395E+03 6.162E+02 3.722E+03-5.571E+03
ELEM 3280
STRS -1.875E+03-6.427E+02-2.395E+03 2.553E+02 1.307E+03-6.571E+03
ELEM 3281
STRS -1.875E+03-6.427E+02-2.395E+03-2.553E+02-1.307E+03 6.571E+03
ELEM 3282
STRS -1.514E+03-1.004E+03-2.395E+03-6.162E+02-3.722E+03 5.571E+03
ELEM 3283
STRS -1.875E+03-6.427E+02-2.395E+03-2.553E+02-1.307E+03 6.571E+03
ELEM 3284
STRS -6.427E+02-1.875E+03-2.395E+03-2.553E+02-6.571E+03-1.307E+03
ELEM 3285
STRS -6.427E+02-1.875E+03-2.395E+03 2.553E+02-6.571E+03 1.307E+03
ELEM 3286
STRS -1.004E+03-1.514E+03-2.395E+03 6.162E+02-5.571E+03 3.722E+03
ELEM 3287
STRS -1.514E+03-1.004E+03-2.395E+03 6.162E+02-3.722E+03 5.571E+03
ELEM 3288
STRS -1.875E+03-6.427E+02-2.395E+03 2.553E+02-1.307E+03 6.571E+03
ELEM 3289
STRS -1.875E+02-1.765E+02-7.163E+02-2.208E+03 1.728E+03 8.685E+03
ELEM 3290
STRS -1.844E+02-1.800E+02-7.162E+02-5.343E+00 4.920E+03 7.362E+03
ELEM 3291
STRS -1.800E+02-1.844E+02-7.162E+02-5.343E+00 7.362E+03 4.920E+03
ELEM 3292
STRS -1.768E+02-1.875E+02-7.162E+02-2.208E+03 8.685E+03 1.728E+03
ELEM 3293
STRS -1.768E+02-1.875E+02-7.162E+02 2.208E+03 8.685E+03-1.728E+03
ELEM 3294
STRS -1.800E+02-1.844E+02-7.162E+02 5.343E+00 7.362E+03-4.920E+03
ELEM 3295
STRS -1.844E+02-1.800E+02-7.163E+02 5.355E+00 4.920E+03-7.362E+03
ELEM 3296
STRS -1.875E+02-1.768E+02-7.163E+02 2.208E+03 1.728E+03-8.685E+03
ELEM 3297
STRS -1.875E+02-1.768E+02-7.163E+02-2.208E+03-1.728E+03-8.685E+03
ELEM 3298
STRS -1.844E+02-1.800E+02-7.163E+02-5.355E+00-4.920E+03-7.362E+03
ELEM 3299
STRS -1.800E+02-1.844E+02-7.162E+02-5.343E+00-7.362E+03-4.920E+03
ELEM 3300
STRS -1.768E+02-1.875E+02-7.162E+02-2.208E+03-8.685E+03-1.728E+03
ELEM 3301
STRS -1.768E+02-1.875E+02-7.162E+02 2.208E+03 8.685E+03 1.728E+03
ELEM 3302
STRS -1.800E+02-1.844E+02-7.162E+02 5.343E+00-7.362E+03 4.920E+03
ELEM 3303
STRS -1.844E+02-1.800E+02-7.163E+02 5.355E+00-4.920E+03 7.362E+03
ELEM 3304
STRS -1.875E+02-1.768E+02-7.163E+02 2.208E+03-1.728E+03 8.685E+03
ELEM 3305
STRS 7.043E+01-2.039E+02-1.588E+03 5.683E+01 1.583E+03 7.960E+03
ELEM 3306
STRS -9.918E+00-1.235E+02-1.588E+03 1.372E+02 4.509E+03 6.748E+03
ELEM 3307
STRS -1.235E+02-9.932E+00-1.588E+03 1.372E+02 4.509E+03 6.748E+03
ELEM 3308

STRS -2.039E+02 7.044E+01-1.588E+03 5.682E+01 7.960E+03 1.583E+03
ELEM 3309
STRS -2.039E+02 7.044E+01-1.588E+03-5.682E+01 7.960E+03-1.583E+03
ELEM 3310
STRS -1.235E+02-9.932E+00-1.588E+03-1.372E+02 4.509E+03-6.748E+03
ELEM 3311
STRS -9.918E+00-1.235E+02-1.588E+03-1.372E+02 4.509E+03-6.748E+03
ELEM 3312
STRS 7.043E+01-2.039E+02-1.588E+03-5.683E+01 1.583E+03-7.960E+03
ELEM 3313
STRS 7.043E+01-2.039E+02-1.588E+03 5.683E+01-1.583E+03-7.960E+03
ELEM 3314
STRS -9.918E+00-1.235E+02-1.588E+03 1.372E+02-4.509E+03-6.748E+03
ELEM 3315
STRS -1.235E+02-9.932E+00-1.588E+03 1.372E+02-6.748E+03-4.509E+03
ELEM 3316
STRS -2.039E+02 7.044E+01-1.588E+03 5.682E+01-7.960E+03-1.583E+03
ELEM 3317
STRS -2.039E+02 7.044E+01-1.588E+03-5.682E+01-7.960E+03 1.583E+03
ELEM 3318
STRS -1.235E+02-9.932E+00-1.588E+03-1.372E+02-6.748E+03 4.509E+03
ELEM 3319
STRS -9.918E+00-1.235E+02-1.588E+03-1.372E+02 4.509E+03 6.748E+03
ELEM 3320
STRS 7.043E+01-2.039E+02-1.588E+03-5.683E+01-1.583E+03 7.960E+03
ELEM 3321
STRS -5.757E+02-2.854E+02-1.111E+03-5.992E+01 1.623E+03 8.162E+03
ELEM 3322
STRS -4.909E+02-3.711E+02-1.111E+03-1.446E+02 4.623E+03 6.919E+03
ELEM 3323
STRS -3.711E+02-4.909E+02-1.111E+03-1.446E+02 4.623E+03 6.919E+03
ELEM 3324
STRS -2.854E+02-5.757E+02-1.111E+03-5.992E+01 8.162E+03 1.623E+03
ELEM 3325
STRS -2.854E+02-5.757E+02-1.111E+03 5.992E+01 8.162E+03-1.623E+03
ELEM 3326
STRS -3.711E+02-4.909E+02-1.111E+03 1.446E+02 6.919E+03-4.623E+03
ELEM 3327
STRS -4.909E+02-3.711E+02-1.111E+03 1.446E+02 4.623E+03-6.919E+03
ELEM 3328
STRS -6.757E+02-2.854E+02-1.111E+03-5.992E+01-1.623E+03-8.162E+03
ELEM 3329
STRS -6.757E+02-2.854E+02-1.111E+03 5.992E+01 1.623E+03-8.162E+03
ELEM 3330
STRS -4.909E+02-3.711E+02-1.111E+03-1.446E+02-4.623E+03-6.919E+03
ELEM 3331
STRS -3.711E+02-4.909E+02-1.111E+03-1.446E+02-6.919E+03-4.623E+03
ELEM 3332
STRS -2.854E+02-5.757E+02-1.111E+03-5.992E+01-8.162E+03-1.623E+03
ELEM 3333
STRS -2.854E+02-5.757E+02-1.111E+03 5.992E+01-8.162E+03 1.623E+03
ELEM 3334
STRS -3.711E+02-4.909E+02-1.111E+03 1.446E+02-6.919E+03 4.623E+03
ELEM 3335
STRS -4.909E+02-3.711E+02-1.111E+03 1.446E+02-4.623E+03 6.919E+03
ELEM 3336
STRS -5.757E+02-2.854E+02-1.111E+03 5.992E+01-1.623E+03 8.162E+03
ELEM 3337
STRS -7.011E+01-2.751E+00 9.573E+01-1.398E+01 1.459E+03 7.334E+03
ELEM 3338
STRS -5.037E+01-2.257E+01 9.569E+01-3.268E+01 4.154E+03 6.216E+03
ELEM 3339
STRS -2.247E+01-5.050E+01 9.561E+01-3.371E+01 6.216E+03 4.154E+03
ELEM 3340
STRS -2.801E+00-7.019E+01 9.557E+01-1.398E+01 7.333E+03 1.459E+03
ELEM 3341
STRS -2.801E+00-7.019E+01 9.557E+01 1.398E+01-7.333E+03-1.459E+03
ELEM 3342
STRS -2.247E+01-5.050E+01 9.561E+01 3.371E+01 6.216E+03-4.154E+03
ELEM 3343
STRS -5.037E+01-2.257E+01 9.569E+01 3.268E+01 4.154E+03-6.216E+03
ELEM 3344
STRS -7.011E+01-2.751E+00 9.573E+01 1.398E+01 1.459E+03-7.334E+03
ELEM 3345
STRS -7.011E+01-2.751E+00 9.573E+01-1.398E+01-1.459E+03-7.334E+03
ELEM 3346
STRS -5.037E+01-2.257E+01 9.569E+01-3.268E+01-4.154E+03-6.216E+03
ELEM 3347
STRS -2.247E+01-5.050E+01 9.561E+01-3.371E+01-6.216E+03-4.154E+03
ELEM 3348
STRS -2.801E+00-7.019E+01 9.557E+01-1.398E+01-7.333E+03-1.459E+03
ELEM 3349
STRS -2.801E+00-7.019E+01 9.557E+01 1.398E+01-7.333E+03 1.459E+03
ELEM 3350
STRS -2.247E+01-5.050E+01 9.561E+01 3.371E+01 6.216E+03 4.154E+03
ELEM 3351
STRS -5.037E+01-2.257E+01 9.569E+01 3.268E+01 4.154E+03 6.216E+03
ELEM 3352
STRS -7.011E+01-2.751E+00 9.573E+01 1.398E+01-1.459E+03 7.334E+03
ELEM 3353

STRS -1.291E+01 1.012E+01 1.701E+02-4.777E+00 1.516E+03 7.623E+03
ELEM 3354
STRS -6.187E+00 3.364E+00 1.700E+02-1.150E+01 4.318E+03 6.462E+03
ELEM 3355
STRS 3.411E+00-6.114E+00 1.699E+02-1.152E+01 6.462E+03 4.318E+03
ELEM 3356
STRS 1.013E+01-1.291E+01 1.698E+02-4.769E+00 7.623E+03 1.516E+03
ELEM 3357
STRS 1.013E+01-1.291E+01 1.698E+02 4.769E+00 7.623E+03-1.516E+03
ELEM 3358
STRS 3.411E+00-6.114E+00 1.699E+02 1.152E+01 6.462E+03-4.318E+03
ELEM 3359
STRS -6.187E+00 3.364E+00 1.700E+02 1.150E+01 4.318E+03-6.462E+03
ELEM 3360
STRS -1.291E+01 1.012E+01 1.701E+02 4.777E+00 1.516E+03-7.623E+03
ELEM 3361
STRS -1.291E+01 1.012E+01 1.701E+02-4.777E+00-1.516E+03-7.623E+03
ELEM 3362
STRS -6.187E+00 3.364E+00 1.700E+02-1.150E+01-4.318E+03-6.462E+03
ELEM 3363
STRS 3.411E+00-6.114E+00 1.699E+02-1.152E+01-6.462E+03-4.318E+03
ELEM 3364
STRS 1.013E+01-1.291E+01 1.698E+02-4.769E+00-7.623E+03-1.516E+03
ELEM 3365
STRS 1.013E+01-1.291E+01 1.698E+02 4.769E+00-7.623E+03 1.516E+03
ELEM 3366
STRS 3.411E+00-6.114E+00 1.699E+02 1.152E+01-6.462E+03 4.318E+03
ELEM 3367
STRS -6.187E+00 3.364E+00 1.700E+02 1.150E+01-4.318E+03 6.462E+03
ELEM 3368
STRS -1.291E+01 1.012E+01 1.701E+02 4.777E+00-1.516E+03 7.623E+03
ELEM 3369
STRS 7.077E+01 2.066E+01 7.531E+01 1.039E+01 1.776E+03 8.930E+03
ELEM 3370
STRS 5.606E+01 1.535E+01 7.528E+01 2.505E+01 5.058E+03 7.570E+03
ELEM 3371
STRS 3.529E+01 6.607E+01 7.517E+01 2.503E+01 7.570E+03 5.058E+03
ELEM 3372
STRS 2.066E+01 7.071E+01 7.513E+01 1.036E+01 8.930E+03 1.776E+03
ELEM 3373
STRS 2.065E+01 7.071E+01 7.513E+01-1.036E+01 8.930E+03-1.776E+03
ELEM 3374
STRS 3.529E+01 6.607E+01 7.517E+01 2.503E+01 7.570E+03-5.058E+03
ELEM 3375
STRS 5.606E+01 1.535E+01 7.528E+01-2.505E+01 5.058E+03-7.570E+03
ELEM 3376
STRS 7.077E+01 2.066E+01 7.531E+01-1.039E+01 1.776E+03-8.930E+03
ELEM 3377
STRS 7.077E+01 2.066E+01 7.531E+01 1.039E+01-1.776E+03-8.930E+03
ELEM 3378
STRS 5.606E+01 1.535E+01 7.528E+01 2.505E+01-5.058E+03-7.570E+03
ELEM 3379
STRS 3.529E+01 6.607E+01 7.517E+01 2.503E+01-7.570E+03-5.058E+03
ELEM 3380
STRS 2.065E+01 7.071E+01 7.513E+01 1.036E+01-8.930E+03-1.776E+03
ELEM 3381
STRS 2.066E+01 7.071E+01 7.513E+01-1.036E+01-8.930E+03 1.776E+03
ELEM 3382
STRS 3.529E+01 6.607E+01 7.517E+01-2.503E+01-7.570E+03 5.058E+03
ELEM 3383
STRS 5.606E+01 1.535E+01 7.528E+01-2.505E+01-5.058E+03 7.570E+03
ELEM 3384
STRS 7.077E+01 2.066E+01 7.531E+01-1.039E+01-1.776E+03 8.930E+03
ELEM 3385
STRS -3.552E+02-4.963E+01 4.609E+02-6.522E+01 1.582E+03 7.955E+03
ELEM 3386
STRS -2.726E+02-1.416E+02 4.610E+02-1.578E+02 4.507E+03 6.743E+03
ELEM 3387
STRS -1.424E+02-2.721E+02 4.603E+02-1.575E+02 6.742E+03 4.506E+03
ELEM 3388
STRS -4.958E+01-3.650E+02 4.604E+02-6.508E+01 7.955E+03 1.582E+03
ELEM 3389
STRS -4.958E+01-3.650E+02 4.604E+02 6.508E+01 7.955E+03-1.582E+03
ELEM 3390
STRS -1.424E+02-2.721E+02 4.603E+02 1.575E+02 6.742E+03-4.506E+03
ELEM 3391
STRS -2.726E+02-1.416E+02 4.610E+02 1.578E+02 4.507E+03-6.743E+03
ELEM 3392
STRS -3.552E+02-4.963E+01 4.609E+02 6.522E+01 1.582E+03-7.955E+03
ELEM 3393
STRS -3.552E+02-4.963E+01 4.609E+02 6.522E+01-1.582E+03-7.955E+03
ELEM 3394
STRS -2.726E+02-1.416E+02 4.610E+02-1.578E+02-4.507E+03-6.743E+03
ELEM 3395
STRS -1.424E+02-2.721E+02 4.603E+02-1.575E+02-6.742E+03-4.506E+03
ELEM 3396
STRS -4.958E+01-3.650E+02 4.604E+02-6.508E+01-7.955E+03-1.582E+03
ELEM 3397
STRS -4.958E+01-3.650E+02 4.604E+02 6.508E+01-7.955E+03 1.582E+03
ELEM 3398

STRS -1.424E+02-2.721E+02 4.603E+02 1.575E+02-6.742E+03 4.506E+03
ELEM 3399
STRS -2.726E+02-1.416E+02 4.610E+02 1.578E+02-4.507E+03 6.743E+03
ELEM 3400
STRS -3.552E+02-4.963E+01 4.609E+02 6.522E+01-1.582E+03 7.955E+03
ELEM 3401
STRS 1.393E+02 7.855E+01 6.150E+02 1.271E+01 1.448E+03 7.278E+03
ELEM 3402
STRS 1.217E+02 9.616E+01 6.149E+02 3.032E+01 4.123E+03 6.170E+03
ELEM 3403
STRS 9.589E+01 1.208E+02 6.139E+02 3.033E+01 6.170E+03 4.123E+03
ELEM 3404
STRS 7.821E+01 1.390E+02 6.140E+02 1.262E+01 7.278E+03 1.447E+03
ELEM 3405
STRS 7.821E+01 1.390E+02 6.140E+02-1.262E+01 7.278E+03-1.447E+03
ELEM 3406
STRS 9.589E+01 1.208E+02 6.139E+02-3.033E+01 6.170E+03-4.123E+03
ELEM 3407
STRS 1.217E+02 9.616E+01 6.149E+02-3.032E+01 4.123E+03-6.170E+03
ELEM 3408
STRS 1.393E+02 7.855E+01 6.150E+02-1.271E+01 1.448E+03-7.278E+03
ELEM 3409
STRS 1.393E+02 7.855E+01 6.150E+02 1.271E+01-1.448E+03-7.278E+03
ELEM 3410
STRS 1.217E+02 9.616E+01 6.149E+02 3.032E+01-4.123E+03-6.170E+03
ELEM 3411
STRS 9.589E+01 1.208E+02 6.139E+02 3.033E+01-6.170E+03-4.123E+03
ELEM 3412
STRS 7.821E+01 1.390E+02 6.140E+02 1.262E+01-7.278E+03-1.447E+03
ELEM 3413
STRS 7.821E+01 1.390E+02 6.140E+02-1.262E+01-7.278E+03 1.447E+03
ELEM 3414
STRS 9.589E+01 1.208E+02 6.139E+02-3.033E+01-6.170E+03 4.123E+03
ELEM 3415
STRS 1.217E+02 9.616E+01 6.149E+02-3.032E+01-4.123E+03 6.170E+03
ELEM 3416
STRS 1.393E+02 7.855E+01 6.150E+02-1.271E+01-1.448E+03 7.278E+03
ELEM 3417
STRS 1.434E+02 2.268E+01 7.143E+01 2.501E+01 1.762E+03 8.855E+03
ELEM 3418
STRS 1.079E+02 5.787E+01 7.138E+01 6.039E+01 5.016E+03 7.507E+03
ELEM 3419
STRS 6.803E+01 1.081E+02 7.126E+01 6.039E+01 7.507E+03 5.016E+03
ELEM 3420
STRS 2.251E+01 1.432E+02 7.103E+01 2.500E+01 8.855E+03 1.761E+03
ELEM 3421
STRS 2.251E+01 1.432E+02 7.103E+01-2.500E+01 8.855E+03-1.761E+03
ELEM 3422
STRS 5.803E+01 1.081E+02 7.126E+01-6.039E+01 7.507E+03-5.016E+03
ELEM 3423
STRS 1.079E+02 5.787E+01 7.138E+01-6.039E+01 5.016E+03-7.507E+03
ELEM 3424
STRS 1.434E+02 2.268E+01 7.143E+01-2.501E+01 1.762E+03-8.855E+03
ELEM 3425
STRS 1.434E+02 2.268E+01 7.143E+01 2.501E+01-1.762E+03-8.855E+03
ELEM 3426
STRS 1.079E+02 5.787E+01 7.138E+01 6.039E+01-5.016E+03-7.507E+03
ELEM 3427
STRS 5.803E+01 1.081E+02 7.126E+01 6.039E+01-7.507E+03-5.016E+03
ELEM 3428
STRS 2.251E+01 1.432E+02 7.103E+01 2.500E+01-8.855E+03-1.761E+03
ELEM 3429
STRS 2.251E+01 1.432E+02 7.103E+01-2.500E+01-8.855E+03 1.761E+03
ELEM 3430
STRS 5.803E+01 1.081E+02 7.126E+01-6.039E+01-7.507E+03 5.016E+03
ELEM 3431
STRS 1.079E+02 5.787E+01 7.138E+01-6.039E+01-5.016E+03 7.507E+03
ELEM 3432
STRS 1.434E+02 2.268E+01 7.143E+01-2.501E+01-1.762E+03 8.855E+03
ELEM 3433
STRS 2.070E+01 6.149E+02 3.633E+03-1.234E+02 1.242E+03 6.258E+03
ELEM 3434
STRS 1.959E+02 4.413E+02 3.630E+03-2.971E+02 3.546E+03 5.308E+03
ELEM 3435
STRS 4.427E+02 1.982E+02 3.628E+03-2.958E+02 5.313E+03 3.555E+03
ELEM 3436
STRS 6.170E+02 2.709E+01 3.628E+03-1.224E+02 6.271E+03 1.245E+03
ELEM 3437
STRS 6.170E+02 2.709E+01 3.628E+03 1.224E+02-6.271E+03-1.245E+03
ELEM 3438
STRS 4.427E+02 1.982E+02 3.628E+03 2.958E+02 5.313E+03-3.555E+03
ELEM 3439
STRS 1.959E+02 4.413E+02 3.630E+03 2.971E+02 3.546E+03-5.308E+03
ELEM 3440
STRS 2.070E+01 6.149E+02 3.633E+03 1.234E+02 1.242E+03-6.258E+03
ELEM 3441
STRS 2.070E+01 6.149E+02 3.633E+03-1.234E+02-1.242E+03-6.258E+03
ELEM 3442
STRS 1.959E+02 4.413E+02 3.630E+03-2.971E+02-3.546E+03-5.308E+03
ELEM 3443

STRS 4.427E+02 1.982E+02 3.628E+03-2.958E+02-5.313E+03-3.555E+03
ELEM 3444
STRS 6.170E+02 2.709E+01 3.628E+03-1.224E+02-6.271E+03-1.245E+03
ELEM 3445
STRS 6.170E+02 2.709E+01 3.628E+03 1.224E+02-6.271E+03 1.245E+03
ELEM 3446
STRS 4.427E+02 1.982E+02 3.628E+03 2.958E+02-5.313E+03 3.555E+03
ELEM 3447
STRS 1.959E+02 4.413E+02 3.630E+03 2.971E+02-3.546E+03 5.308E+03
ELEM 3448
STRS 2.070E+01 6.149E+02 3.633E+03 1.234E+02-1.242E+03 6.258E+03
ELEM 3449
STRS 2.244E+02 3.465E+01 4.218E+02 3.949E+01 1.426E+03 7.173E+03
ELEM 3450
STRS 1.687E+02 9.208E+01 4.221E+02 9.515E+01 4.064E+03 6.081E+03
ELEM 3451
STRS 9.134E+01 1.710E+02 4.259E+02 9.435E+01 6.080E+03 4.063E+03
ELEM 3452
STRS 3.641E+01 2.255E+02 4.255E+02-3.883E+01 7.173E+03 1.427E+03
ELEM 3453
STRS 3.641E+01 2.255E+02 4.255E+02-3.883E+01 7.173E+03-1.427E+03
ELEM 3454
STRS 9.134E+01 1.710E+02 4.259E+02-9.435E+01 6.080E+03-4.063E+03
ELEM 3455
STRS 1.687E+02 9.208E+01 4.221E+02-9.515E+01 4.064E+03-6.081E+03
ELEM 3456
STRS 2.244E+02 3.465E+01 4.218E+02-3.949E+01 1.426E+03-7.173E+03
ELEM 3457
STRS 2.244E+02 3.465E+01 4.218E+02 3.949E+01-1.426E+03-7.173E+03
ELEM 3458
STRS 1.687E+02 9.208E+01 4.221E+02 9.515E+01-4.064E+03-6.081E+03
ELEM 3459
STRS 9.134E+01 1.710E+02 4.259E+02 9.435E+01-6.080E+03-4.063E+03
ELEM 3460
STRS 3.641E+01 2.255E+02 4.255E+02 3.883E+01-7.173E+03 1.427E+03
ELEM 3461
STRS 3.641E+01 2.255E+02 4.255E+02-3.883E+01-7.173E+03 1.427E+03
ELEM 3462
STRS 9.134E+01 1.710E+02 4.259E+02-9.435E+01-6.080E+03 4.063E+03
ELEM 3463
STRS 1.687E+02 9.208E+01 4.221E+02-9.515E+01-4.064E+03 6.081E+03
ELEM 3464
STRS 2.244E+02 3.465E+01 4.218E+02-3.949E+01-1.426E+03 7.173E+03
ELEM 3465
STRS 1.269E+02 6.984E+00 7.975E+00 2.482E+01 1.772E+03 8.905E+03
ELEM 3466
STRS 9.189E+01 4.210E+01 7.965E+00 5.969E+01 5.044E+03 7.549E+03
ELEM 3467
STRS 4.122E+01 9.032E+01 5.640E+00 5.973E+01 7.551E+03 5.045E+03
ELEM 3468
STRS 6.205E+00 1.252E+02 5.686E+00 2.466E+01 8.907E+03 1.772E+03
ELEM 3469
STRS 5.285E+00 1.252E+02 5.686E+00-2.466E+01 8.907E+03-1.772E+03
ELEM 3470
STRS 4.122E+01 9.032E+01 5.640E+00-5.973E+01 7.551E+03-5.045E+03
ELEM 3471
STRS 9.189E+01 4.210E+01 7.965E+00-5.969E+01 5.044E+03-7.549E+03
ELEM 3472
STRS 1.269E+02 6.984E+00 7.975E+00-2.482E+01 1.772E+03-8.905E+03
ELEM 3473
STRS 1.269E+02 6.984E+00 7.975E+00 2.482E+01-1.772E+03-8.905E+03
ELEM 3474
STRS 9.189E+01 4.210E+01 7.965E+00 5.969E+01-5.044E+03-7.549E+03
ELEM 3475
STRS 4.122E+01 9.032E+01 5.640E+00 5.973E+01-7.551E+03-5.045E+03
ELEM 3476
STRS 6.205E+00 1.252E+02 5.686E+00 2.466E+01-8.907E+03-1.772E+03
ELEM 3477
STRS 6.205E+00 1.252E+02 5.686E+00-2.466E+01-8.907E+03 1.772E+03
ELEM 3478
STRS 4.122E+01 9.032E+01 5.640E+00-5.973E+01-7.551E+03 5.045E+03
ELEM 3479
STRS 9.189E+01 4.210E+01 7.965E+00-5.969E+01-5.044E+03 7.549E+03
ELEM 3480
STRS 1.269E+02 6.984E+00 7.975E+00-2.466E+01-1.772E+03 8.905E+03
ELEM 3497
STRS 1.611E+01 2.771E+02-1.178E+03-5.235E+01 5.365E+02 2.686E+03
ELEM 3498
STRS 6.949E+01 2.016E+02-1.176E+03-1.264E+02 1.528E+03 2.279E+03
ELEM 3499
STRS 1.936E+02 9.562E+01-1.171E+03-1.262E+02 2.287E+03 1.520E+03
ELEM 3500
STRS 2.658E+02 2.072E+01-1.168E+03-5.216E+01 2.698E+03 5.361E+02
ELEM 3501
STRS 2.658E+02 2.072E+01-1.168E+03 5.216E+01 2.698E+03-5.361E+02
ELEM 3502
STRS 1.936E+02 9.562E+01-1.171E+03 1.262E+02 2.287E+03-1.520E+03
ELEM 3503
STRS 8.949E+01 2.016E+02-1.176E+03 1.264E+02 1.528E+03-2.279E+03
ELEM 3504

[illegible]

STAS	-5.536E+02-5.871E+02-5.304E+03	6.260E+01	2.356E+03	3.495E+03
STRS	3611			
ELEM	-6.032E+02-5.303E+02-5.293E+03	6.278E+01	3.526E+03	2.336E+03
STAS	3612			
ELEM	-6.359E+02-4.893E+02-5.280E+03	2.619E+01	4.165E+03	8.181E+02
STRS	3613			
ELEM	-5.892E+02-4.893E+02-5.280E+03-2.619E+01	4.165E+03-8.181E+02		
STAS	3614			
ELEM	-6.032E+02-5.303E+02-5.293E+03-6.278E+01	3.526E+03-2.336E+03		
STRS	3615			
ELEM	-5.536E+02-5.871E+02-5.304E+03-6.260E+01	2.356E+03-3.495E+03		
STAS	3616			
ELEM	-5.892E+02-5.281E+02-5.312E+03-2.581E+01	8.260E+02-4.121E+03		
STRS	3617			
ELEM	-5.189E+02-6.281E+02-5.312E+03	2.581E+01-8.260E+02-4.121E+03		
STAS	3618			
ELEM	-5.536E+02-5.871E+02-5.304E+03	6.260E+01-2.356E+03-3.495E+03		
STRS	3619			
ELEM	-6.032E+02-5.303E+02-5.293E+03	6.278E+01-3.526E+03-2.336E+03		
STAS	3620			
ELEM	-6.359E+02-4.893E+02-5.280E+03	2.619E+01-4.165E+03-8.181E+02		
STRS	3621			
ELEM	-6.359E+02-4.893E+02-5.280E+03-2.619E+01-4.165E+03	8.181E+02		
STAS	3622			
ELEM	-6.032E+02-5.303E+02-5.293E+03-6.278E+01-3.526E+03	2.336E+03		
STRS	3623			
ELEM	-5.536E+02-5.871E+02-5.304E+03-6.260E+01-2.356E+03	3.495E+03		
STAS	3624			
ELEM	-5.189E+02-6.281E+02-5.312E+03-2.581E+01-8.260E+02	4.121E+03		
STRS	3625			
ELEM	-5.291E+02-6.129E+02-5.403E+03	2.013E+01	1.057E+03	5.276E+03
STAS	3626			
ELEM	-5.536E+02-5.751E+02-5.375E+03	4.931E+01	3.020E+03	4.471E+03
STRS	3627			
ELEM	-5.851E+02-5.243E+02-5.333E+03	4.868E+01	4.522E+03	2.994E+03
STAS	3628			
ELEM	-6.083E+02-4.920E+02-5.304E+03	2.012E+01	5.331E+03	1.049E+03
STRS	3629			
ELEM	-6.083E+02-4.920E+02-5.304E+03-2.012E+01	5.331E+03-1.049E+03		
STAS	3630			
ELEM	-5.851E+02-5.243E+02-5.333E+03	4.868E+01	4.522E+03-2.994E+03	
STRS	3631			
ELEM	-5.536E+02-5.751E+02-5.375E+03	4.931E+01	3.020E+03-4.471E+03	
STAS	3632			
ELEM	-5.291E+02-6.129E+02-5.403E+03	2.013E+01	1.057E+03-5.276E+03	
STRS	3633			
ELEM	-5.291E+02-6.129E+02-5.403E+03	2.013E+01-1.057E+03-5.276E+03		
STAS	3634			
ELEM	-5.536E+02-5.751E+02-5.375E+03	4.931E+01-3.020E+03-4.471E+03		
STRS	3635			
ELEM	-5.851E+02-5.243E+02-5.333E+03	4.868E+01-4.522E+03-2.994E+03		
STAS	3636			
ELEM	-6.083E+02-4.920E+02-5.304E+03	2.012E+01-5.331E+03-1.049E+03		
STRS	3637			
ELEM	-6.083E+02-4.920E+02-5.304E+03	2.012E+01-5.331E+03	1.049E+03	
STAS	3638			
ELEM	-5.851E+02-5.243E+02-5.333E+03-4.868E+01-4.522E+03	2.994E+03		
STRS	3639			
ELEM	-5.536E+02-5.751E+02-5.375E+03	4.931E+01-3.020E+03	4.471E+03	
STAS	3640			
ELEM	-5.291E+02-6.129E+02-5.403E+03-2.013E+01-1.057E+03	5.276E+03		
STRS	3641			
ELEM	-5.530E+02-3.167E+02-4.106E+03-4.227E+00	1.587E+03	7.910E+03	
STAS	3642			
ELEM	-3.477E+02-3.276E+02-4.074E+03-1.198E+01	4.602E+03	6.694E+03	
STRS	3643			
ELEM	-3.423E+02-3.517E+02-4.037E+03-1.538E+01	6.712E+03	4.458E+03	
STAS	3644			
ELEM	-3.388E+02-3.696E+02-4.017E+03-7.734E+00	7.901E+03	1.563E+03	

STRS -3.477E+02-3.276E+02-4.074E+03 1.198E+01-4.502E+03 6.694E+03
ELEM 3656
STRS -3.530E+02-3.167E+02-4.106E+03 4.227E+00-1.587E+03 7.910E+03
ELEM 3657
STRS -1.511E+03-4.247E+02-1.577E+03-2.303E+02 2.051E+03 1.027E+04
ELEM 3658
STRS -1.187E+03-7.680E+02-1.565E+03-5.477E+02 5.820E+03 8.694E+03
ELEM 3659
STRS -7.420E+02-1.211E+03-1.560E+03-5.365E+02 8.699E+03 5.801E+03
ELEM 3660
STRS -4.359E+02-1.518E+03-1.553E+03-2.201E+02 1.025E+04 2.035E+03
ELEM 3661
STRS -4.359E+02-1.518E+03-1.553E+03 2.201E+02 1.025E+04 2.035E+03
ELEM 3662
STRS -7.420E+02-1.211E+03-1.560E+03 5.365E+02 8.699E+03 5.801E+03
ELEM 3663
STRS -1.187E+03-7.680E+02-1.565E+03 5.477E+02 5.820E+03 8.694E+03
ELEM 3664
STRS -1.511E+03-4.247E+02-1.577E+03 2.303E+02 2.051E+03 1.027E+04
ELEM 3665
STRS -1.511E+03-4.247E+02-1.577E+03 2.303E+02 2.051E+03 1.027E+04
ELEM 3666
STRS -1.187E+03-7.680E+02-1.565E+03-5.477E+02-5.820E+03-8.694E+03
ELEM 3667
STRS -7.420E+02-1.211E+03-1.560E+03-5.365E+02-8.699E+03-5.801E+03
ELEM 3668
STRS -4.359E+02-1.518E+03-1.553E+03-2.201E+02-1.025E+04-2.035E+03
ELEM 3669
STRS -4.359E+02-1.518E+03-1.553E+03 2.201E+02-1.025E+04 2.035E+03
ELEM 3670
STRS -7.420E+02-1.211E+03-1.560E+03 5.365E+02-8.699E+03 5.801E+03
ELEM 3671
STRS -1.187E+03-7.680E+02-1.565E+03 5.477E+02-5.820E+03 8.694E+03
ELEM 3672
STRS -1.511E+03-4.247E+02-1.577E+03 2.303E+02-2.051E+03 1.027E+04
ELEM 3689
STRS -2.480E+03-2.648E+03-8.275E+03 1.020E+01 4.750E+02 2.461E+03
ELEM 3690
STRS -2.480E+03-2.648E+03-8.275E+03 1.364E+03 2.068E+03
ELEM 3691
STRS -2.494E+03-2.601E+03-8.293E+03 2.136E+01 2.028E+03 1.391E+03
ELEM 3692
STRS -2.502E+03-2.584E+03-8.302E+03 7.951E+00 2.392E+03 4.926E+02
ELEM 3693
STRS -2.502E+03-2.584E+03-8.302E+03-7.951E+00-2.392E+03-4.926E+02
ELEM 3694
STRS -2.494E+03-2.601E+03-8.293E+03-2.136E+01-2.028E+03-1.391E+03
ELEM 3695
STRS -2.480E+03-2.628E+03-8.286E+03-2.345E+01 1.354E+03-2.088E+03
ELEM 3696
STRS -2.467E+03-2.648E+03-8.275E+03-1.020E+01 4.750E+02-2.461E+03
ELEM 3697
STRS -2.467E+03-2.648E+03-8.275E+03 1.020E+01 4.750E+02-2.461E+03
ELEM 3698
STRS -2.480E+03-2.628E+03-8.286E+03 2.345E+01-1.354E+03-2.088E+03
ELEM 3699
STRS -2.494E+03-2.601E+03-8.293E+03 2.136E+01-2.028E+03-1.391E+03
ELEM 3700
STRS -2.502E+03-2.584E+03-8.302E+03 7.951E+00-2.392E+03-4.926E+02
ELEM 3701
STRS -2.502E+03-2.584E+03-8.302E+03-7.951E+00-2.392E+03-4.926E+02
ELEM 3702
STRS -2.494E+03-2.601E+03-8.293E+03-2.136E+01-2.028E+03-1.391E+03
ELEM 3703
STRS -2.480E+03-2.628E+03-8.286E+03-2.345E+01-1.354E+03-2.088E+03
ELEM 3704
STRS -2.467E+03-2.648E+03-8.275E+03-1.020E+01-4.750E+02-2.461E+03
ELEM 3705
STRS -2.517E+03-2.715E+03-8.728E+03 1.662E+01 6.742E+02 3.477E+03
ELEM 3706
STRS -2.534E+03-2.680E+03-8.743E+03 4.082E+01 1.916E+03 2.948E+03
ELEM 3707
STRS -2.558E+03-2.629E+03-8.759E+03 4.113E+01 2.878E+03 1.967E+03
ELEM 3708
STRS -2.577E+03-2.693E+03-8.778E+03 1.666E+01 3.394E+03 6.952E+02
ELEM 3709
STRS -2.577E+03-2.693E+03-8.778E+03-1.666E+01 3.394E+03-6.952E+02
ELEM 3710
STRS -2.558E+03-2.629E+03-8.759E+03-4.113E+01 2.878E+03-1.967E+03
ELEM 3711
STRS -2.534E+03-2.680E+03-8.743E+03-4.082E+01 1.916E+03-2.948E+03
ELEM 3712
STRS -2.517E+03-2.715E+03-8.728E+03-1.662E+01 6.742E+02-3.477E+03
ELEM 3713
STRS -2.517E+03-2.715E+03-8.728E+03 1.662E+01-6.742E+02-3.477E+03
ELEM 3714
STRS -2.534E+03-2.680E+03-8.743E+03 4.082E+01-1.916E+03-2.948E+03
ELEM 3715
STRS -2.558E+03-2.629E+03-8.759E+03 4.113E+01-2.878E+03-1.967E+03
ELEM 3716

STRS -2.577E+03-2.593E+03-8.778E+03 1.666E+01-3.394E+03-6.952E+02
ELEM 3717
STRS -2.577E+03-2.593E+03-8.778E+03-1.666E+01-3.394E+03-6.952E+02
ELEM 3718
STRS -2.658E+03-2.628E+03-8.759E+03-4.113E+01-2.878E+03 1.967E+03
ELEM 3719
STRS -2.534E+03-2.680E+03-8.743E+03-4.082E+01-1.916E+03 2.948E+03
ELEM 3720
STRS -2.517E+03-2.715E+03-8.728E+03-1.662E+01-6.742E+02 3.477E+03
ELEM 3721
STRS -2.384E+03-2.648E+03-8.757E+03 3.329E+01 9.009E+02 4.618E+03
ELEM 3722
STRS -2.425E+03-2.581E+03-8.794E+03 8.340E+01 2.568E+03 3.922E+03
ELEM 3723
STRS -2.480E+03-2.485E+03-8.840E+03 8.542E+01 3.850E+03 2.615E+03
ELEM 3724
STRS -2.517E+03-2.414E+03-8.860E+03 3.504E+01 4.561E+03 9.248E+02
ELEM 3725
STRS -2.517E+03-2.414E+03-8.860E+03-3.504E+01 4.561E+03-9.248E+02
ELEM 3726
STRS -2.480E+03-2.485E+03-8.840E+03-8.542E+01 3.850E+03-2.615E+03
ELEM 3727
STRS -2.425E+03-2.581E+03-8.794E+03-8.340E+01 2.568E+03-3.922E+03
ELEM 3728
STRS -2.384E+03-2.648E+03-8.757E+03-3.329E+01 9.009E+02-4.618E+03
ELEM 3729
STRS -2.384E+03-2.648E+03-8.757E+03 3.329E+01-9.009E+02-4.618E+03
ELEM 3730
STRS -2.425E+03-2.581E+03-8.794E+03 8.340E+01-2.568E+03-3.922E+03
ELEM 3731
STRS -2.480E+03-2.485E+03-8.840E+03 8.542E+01-3.850E+03-2.615E+03
ELEM 3732
STRS -2.517E+03-2.414E+03-8.860E+03 3.504E+01-4.561E+03-9.248E+02
ELEM 3733
STRS -2.517E+03-2.414E+03-8.860E+03-3.504E+01-4.561E+03-9.248E+02
ELEM 3734
STRS -2.480E+03-2.485E+03-8.840E+03-8.542E+01-3.850E+03-2.615E+03
ELEM 3735
STRS -2.425E+03-2.581E+03-8.794E+03-8.340E+01-2.568E+03-3.922E+03
ELEM 3736
STRS -2.384E+03-2.648E+03-8.757E+03-3.329E+01-9.009E+02-4.618E+03
ELEM 3737
STRS -2.211E+03-2.729E+03-1.024E+04 8.916E+01 1.297E+03 6.668E+03
ELEM 3738
STRS -2.315E+03-2.531E+03-1.022E+04 2.195E+02 3.754E+03 5.665E+03
ELEM 3739
STRS -2.448E+03-2.261E+03-1.015E+04 2.236E+02 5.670E+03 3.808E+03
ELEM 3740
STRS -2.535E+03-2.087E+03-1.009E+04 9.626E+01 6.712E+03 1.338E+03
ELEM 3741
STRS -2.535E+03-2.087E+03-1.009E+04-9.626E+01 6.712E+03-1.338E+03
ELEM 3742
STRS -2.448E+03-2.261E+03-1.015E+04-2.236E+02 5.670E+03-3.808E+03
ELEM 3743
STRS -2.315E+03-2.531E+03-1.022E+04-2.195E+02 3.754E+03-5.665E+03
ELEM 3744
STRS -2.211E+03-2.729E+03-1.024E+04 8.916E+01 1.297E+03-6.668E+03
ELEM 3745
STRS -2.211E+03-2.729E+03-1.024E+04 8.916E+01-1.297E+03-6.668E+03
ELEM 3746
STRS -2.315E+03-2.531E+03-1.022E+04 2.195E+02-3.754E+03-5.665E+03
ELEM 3747
STRS -2.448E+03-2.261E+03-1.015E+04 2.236E+02-5.670E+03-3.808E+03
ELEM 3748
STRS -2.535E+03-2.087E+03-1.009E+04 9.626E+01-6.712E+03-1.338E+03
ELEM 3749
STRS -2.535E+03-2.087E+03-1.009E+04-9.626E+01-6.712E+03-1.338E+03
ELEM 3750
STRS -2.448E+03-2.261E+03-1.015E+04-2.236E+02-5.670E+03-3.808E+03
ELEM 3751
STRS -2.315E+03-2.531E+03-1.022E+04-2.195E+02-3.754E+03-5.665E+03
ELEM 3752
STRS -2.211E+03-2.729E+03-1.024E+04-8.916E+01-1.297E+03 6.668E+03
ELEM 3753
STRS -1.388E+03-1.552E+03-6.134E+03 5.213E+01 2.692E+03 1.363E+04
ELEM 3754
STRS -1.397E+03-1.404E+03-6.079E+03 1.103E+02 7.684E+03 1.152E+04
ELEM 3755
STRS -1.414E+03-1.264E+03-5.970E+03 9.272E+01 1.145E+04 7.654E+03
ELEM 3756
STRS -1.422E+03-1.185E+03-5.905E+03 3.816E+01 1.346E+04-2.679E+03
ELEM 3757
STRS -1.422E+03-1.185E+03-5.905E+03-3.816E+01 1.346E+04-2.679E+03
ELEM 3758
STRS -1.414E+03-1.264E+03-5.970E+03-9.272E+01 1.145E+04-7.654E+03
ELEM 3759
STRS -1.397E+03-1.404E+03-6.079E+03-1.103E+02 7.684E+03-1.152E+04
ELEM 3760
STRS -1.388E+03-1.552E+03-6.134E+03-5.213E+01 2.692E+03 1.363E+04
ELEM 3761

STRS -1.388E+03-1.552E+03-6.134E+03 5.213E+01-2.692E+03-1.363E+04
ELEM 3762
STRS -1.397E+03-1.404E+03-6.079E+03 1.103E+02-7.684E+03-1.152E+04
ELEM 3763
STRS -1.414E+03-1.264E+03-5.970E+03 9.272E+01-1.145E+04-7.654E+03
ELEM 3764
STRS -1.422E+03-1.185E+03-5.905E+03 3.816E+01-1.346E+04-2.679E+03
ELEM 3765
STRS -1.422E+03-1.185E+03-5.905E+03-3.816E+01-1.346E+04-2.679E+03
ELEM 3766
STRS -1.414E+03-1.264E+03-5.970E+03-9.272E+01-1.145E+04 7.654E+03
ELEM 3767
STRS -1.397E+03-1.404E+03-6.079E+03-1.103E+02-7.684E+03 1.152E+04
ELEM 3768
STRS -1.388E+03-1.552E+03-6.134E+03-5.213E+01-2.692E+03 1.363E+04
ELEM 8005
STRS -2.831E+03-4.013E+03-9.743E+03 2.526E+01 2.599E+02 1.529E+03
ELEM 8006
STRS -2.844E+03-4.002E+03-9.774E+03 4.914E+01 7.393E+02 1.292E+03
ELEM 8007
STRS -2.844E+03-4.006E+03-9.810E+03 4.143E+01 1.103E+03 8.546E+02
ELEM 8008
STRS -2.847E+03-4.022E+03-9.843E+03 1.561E+01 1.295E+03 3.031E+02
ELEM 8009
STRS -2.585E+03-4.211E+03-1.053E+04 4.954E+01 3.998E+02 2.279E+03
ELEM 8010
STRS -3.011E+03-4.201E+03-1.069E+04 1.187E+02 1.123E+03 1.930E+03
ELEM 8011
STRS -3.041E+03-4.189E+03-1.076E+04 1.198E+02 1.699E+03 1.280E+03
ELEM 8012
STRS -3.070E+03-4.185E+03-1.081E+04 5.090E+01 1.999E+03 4.585E+02
ELEM 8013
STRS -1.700E+03-2.785E+03-8.103E+03 4.334E+01 2.629E+02 1.777E+03
ELEM 8014
STRS -1.728E+03-2.736E+03-8.159E+03 1.009E+02 7.457E+02 1.521E+03
ELEM 8015
STRS -1.739E+03-2.689E+03-8.284E+03 9.418E+01 1.140E+03 1.027E+03
ELEM 8016
STRS -1.722E+03-2.675E+03-8.352E+03 4.325E+01 1.381E+03 3.629E+02
ELEM 8017
STRS -2.812E+03-4.052E+03-1.049E+04 7.072E+01 5.763E+02 3.209E+03
ELEM 8018
STRS -2.863E+03-4.059E+03-1.058E+04 1.753E+02 1.609E+03 2.739E+03
ELEM 8019
STRS -2.907E+03-4.060E+03-1.068E+04 1.929E+02 2.443E+03 1.812E+03
ELEM 8020
STRS -2.914E+03-4.053E+03-1.073E+04 9.056E+01 1.916E+03 5.463E+02
ELEM 8021
STRS -1.150E+03-2.494E+03-8.847E+03 1.032E+02 2.468E+02 2.324E+03
ELEM 8022
STRS -1.471E+03-2.370E+03-8.933E+03 2.207E+02 8.472E+02 1.933E+03
ELEM 8023
STRS -1.489E+03-2.249E+03-9.114E+03 1.905E+02 1.297E+03 1.322E+03
ELEM 8024
STRS -1.503E+03-2.163E+03-9.315E+03 6.792E+01 1.578E+03 4.459E+02
ELEM 8025
STRS -2.020E+03-3.378E+03-1.090E+04 2.176E+02 5.997E+02 3.957E+03
ELEM 8026
STRS -2.093E+03-3.290E+03-1.101E+04 4.638E+02 1.793E+03 3.279E+03
ELEM 8027
STRS -2.237E+03-3.127E+03-1.120E+04 4.287E+02 2.750E+03 2.129E+03
ELEM 8028
STRS -2.412E+03-2.989E+03-1.140E+04 1.678E+02 3.310E+03 7.159E+02
ELEM 8029
STRS -1.189E+03-2.594E+03-9.955E+03 1.419E+02 2.403E+02 2.859E+03
ELEM 8030
STRS -1.324E+03-1.633E+03-1.025E+04 5.256E+02 6.215E+02 2.227E+03
ELEM 8031
STRS -1.448E+03-1.865E+03-1.153E+04 6.239E+02 1.415E+03 1.263E+03
ELEM 8032
STRS -1.877E+03-1.585E+03-1.254E+04 1.966E+02 1.982E+03 4.878E+02
ELEM 8041
STRS -1.375E+02-6.410E+02-2.530E+03-1.472E+01 4.951E+01 2.026E+03
ELEM 8042
STRS -5.848E+01-6.593E+02-2.917E+03 2.466E+01 1.996E+02 1.697E+03
ELEM 8043
STRS 7.123E+01-6.337E+02-3.313E+03 3.566E+01 3.720E+02 1.097E+03
ELEM 8044
STRS 1.655E+02-5.431E+02-3.471E+03 2.485E+01 4.021E+02 4.223E+02
ELEM 8045
STRS -1.940E+01-3.025E+02 1.477E+02-4.421E+01 2.627E+02 4.744E+03
ELEM 8046
STRS -5.261E+01-1.590E+02-1.123E+02-3.310E+00 3.528E+02 8.950E+03
ELEM 8047
STRS 1.599E+02-1.086E+01-5.590E+02 3.717E+00 5.691E+02 2.608E+03
ELEM 8048
STRS 5.353E+02 1.627E+01-1.097E+03 2.813E+00 1.035E+03 8.330E+02
ELEM 8053
STRS 5.118E+02 2.274E+00 3.067E+03-2.552E+01 2.008E+02 3.618E+03
ELEM 8054

STRS 6.897E+02 3.305E+01 3.179E+03 4.863E+00 4.798E+02 3.079E+03
ELEM 8055
STRS 8.941E+02-1.255E+02 2.922E+03 1.034E+01 2.884E+02 2.356E+03
ELEM 8056
STRS 9.001E+02-2.635E+02 2.497E+04 4.663E+00 3.962E+02 7.410E+02
ELEM 8061
STRS -3.615E+03-4.435E+03-1.032E+04 2.004E+01 4.516E+02 2.502E+03
ELEM 8062
STRS -3.532E+03-4.414E+03-1.033E+04 4.790E+01 1.282E+03 2.112E+03
ELEM 8063
STRS -3.659E+03-4.387E+03-1.035E+04 4.902E+01 1.908E+03 1.408E+03
ELEM 8064
STRS -3.680E+03-4.365E+03-1.036E+04 2.164E+01 2.243E+03 4.881E+02
ELEM 8065
STRS -3.533E+03-4.371E+03-1.035E+04 3.168E+01 5.884E+02 3.391E+03
ELEM 8066
STRS -3.551E+03-4.344E+03-1.037E+04 7.582E+01 1.680E+03 2.797E+03
ELEM 8067
STRS -3.602E+03-4.307E+03-1.042E+04 7.604E+01 2.509E+03 1.868E+03
ELEM 8068
STRS -3.629E+03-4.277E+03-1.044E+04 3.258E+01 2.962E+03 6.504E+02
ELEM 8069
STRS -3.559E+03-4.430E+03-1.099E+04 5.426E+01 7.160E+02 4.048E+03
ELEM 8070
STRS -3.604E+03-4.384E+03-1.104E+04 1.260E+02 2.040E+03 3.426E+03
ELEM 8071
STRS -3.554E+03-4.326E+03-1.111E+04 4.128E+02 3.054E+03 2.288E+03
ELEM 8072
STRS -3.706E+03-4.279E+03-1.116E+04 5.280E+01 3.595E+03 8.003E+02
ELEM 8073
STRS -3.651E+03-4.425E+03-1.211E+04 2.102E+02 9.995E+02 5.711E+03
ELEM 8074
STRS -3.699E+03-4.397E+03-1.231E+04 2.830E+02 2.877E+03 4.841E+03
ELEM 8075
STRS -3.704E+03-4.295E+03-1.255E+04 2.879E+02 4.337E+03 3.230E+03
ELEM 8076
STRS -3.746E+03-4.233E+03-1.265E+04 1.318E+02 5.176E+03 1.111E+03
ELEM 8077
STRS -3.650E+03-5.617E+03-2.194E+04 4.372E+02 1.616E+03 9.669E+03
ELEM 8078
STRS -3.524E+03-4.725E+03-2.232E+04 1.233E+03 4.905E+03 8.248E+03
ELEM 8079
STRS -3.936E+03-4.105E+03-2.223E+04 1.180E+03 7.911E+03 5.415E+03
ELEM 8080
STRS -4.308E+03-3.494E+03-2.196E+04 3.733E+02 9.372E+03 2.007E+03
ELEM 8081
STRS -3.854E+03-3.880E+03-1.486E+04 4.007E+01 2.085E+02 3.959E+03
ELEM 8082
STRS -3.827E+03-3.598E+03-1.506E+04 7.064E+01 8.393E+02 3.584E+03
ELEM 8083
STRS -5.460E+03-4.665E+03-2.639E+04 9.062E+01 1.987E+03 4.014E+02
ELEM 8084
STRS -5.276E+03-5.150E+03-2.694E+04 2.347E+02 1.930E+03 5.963E+02
ELEM 8085
STRS -3.753E+03-2.666E+03-1.280E+04-1.771E+02 5.699E+02 3.368E+03
ELEM 8086
STRS -2.685E+03-4.297E+03-1.139E+04-9.196E+01 3.726E+03 2.121E+02
ELEM 8087
STRS -2.639E+03-4.253E+03-1.147E+04-3.355E+02 3.724E+03 2.989E+02
ELEM 8088
STRS -1.896E+03-2.165E+03-5.483E+03-4.563E+02 1.839E+03 1.593E+03
ELEM 8089
STRS -2.316E+03-2.360E+03-8.516E+03 2.075E+01 4.299E+02 7.230E+03
ELEM 8090
STRS -2.448E+03-2.005E+03-9.666E+03 1.835E+01 1.148E+03 6.666E+03
ELEM 8091
STRS -1.253E+03-8.205E+02-1.184E+04 6.643E+01 2.388E+03 4.085E+02
ELEM 8092
STRS -1.135E+03-8.104E+02-1.016E+04 1.909E+02 1.970E+03 9.215E+02
ELEM 8093
STRS -2.332E+03-1.351E+03-9.012E+03-1.845E+02 6.770E+02 5.646E+03
ELEM 8094
STRS -1.184E+03-3.294E+03-6.101E+03-1.461E+02 7.057E+03 1.003E+02
ELEM 8095
STRS -1.146E+03-3.028E+03-5.121E+03-4.111E+02 6.789E+03 2.121E+02
ELEM 8096
STRS -1.538E+03-2.245E+03-4.308E+03-5.261E+02 4.393E+02 2.476E+03
ELEM 8097
STRS 1.414E+02-4.046E+02-4.408E+02 1.652E+02 5.340E+03
ELEM 8098
STRS -1.572E+03-6.493E+02-1.078E+03 5.341E+01 5.895E+01 1.027E+04
ELEM 8099
STRS 1.677E+02-1.742E+02-8.411E+02 9.426E+01 1.375E+02 6.176E+03
ELEM 8100
STRS -1.691E+03-5.538E+02-1.224E+03 7.212E+01 1.027E+02 1.005E+04
ELEM 8101
STRS 6.052E+02 1.744E+02-5.614E+02 1.437E+01 2.173E+03 7.679E+02
ELEM 8102
STRS 2.117E+01 9.237E+01-1.569E+02 3.932E+01 1.828E+03 2.784E+03
ELEM 8103

STRS 1.652E+02 3.255E+01-1.005E+03 7.394E+01 9.454E+02 5.109E+03
ELEM 8104
STRS -1.674E+03-4.112E+02-1.198E+03-1.470E+02 2.635E+02 9.178E+03
ELEM 8105
STRS 2.295E+01 1.529E+02-4.287E+02-7.510E+01 9.315E+03 2.719E+02
ELEM 8106
STRS 2.457E+01 1.570E+02-1.603E+02-1.507E+02 8.571E+03 1.145E+03
ELEM 8107
STRS 3.655E+01-1.135E+02-4.760E+02-1.465E+02 6.556E+03 2.070E+03
ELEM 8108
STRS -2.487E+02-4.096E+02-6.099E+02-2.160E+02 2.595E+03 4.227E+03
ELEM 8109
STRS -2.831E+03-4.013E+03-9.743E+03-2.526E+01 2.599E+02-1.529E+03
ELEM 8110
STRS -2.844E+03-4.002E+03-9.774E+03-4.914E+01 7.393E+02-1.292E+03
ELEM 8111
STRS -2.844E+03-4.006E+03-9.810E+03-4.143E+01 1.103E+03-8.546E+02
ELEM 8112
STRS -2.847E+03-4.022E+03-9.843E+03-1.561E+01 1.295E+03-3.031E+02
ELEM 8113
STRS -2.988E+03-4.211E+03-1.063E+04-4.954E+01 3.988E+02-2.279E+03
ELEM 8114
STRS -3.011E+03-4.201E+03-1.069E+04-1.187E+02 1.123E+03-1.930E+03
ELEM 8115
STRS -3.041E+03-4.189E+03-1.075E+04-1.198E+02 1.899E+03-1.280E+03
ELEM 8116
STRS -3.070E+03-4.185E+03-1.081E+04-5.090E+01 1.999E+03-4.585E+02
ELEM 8117
STRS -1.700E+03-2.786E+03-8.103E+03-4.334E+01 2.629E+02-1.777E+03
ELEM 8118
STRS -1.725E+03-2.735E+03-8.159E+03-1.009E+02 7.457E+01-1.521E+03
ELEM 8119
STRS -1.739E+03-2.699E+03-8.284E+03-9.418E+01 1.140E+03-1.027E+03
ELEM 8120
STRS -1.722E+03-2.675E+03-8.352E+03-4.325E+01 1.381E+03-3.529E+02
ELEM 8121
STRS -2.812E+03-4.052E+03-1.049E+04-7.072E+01 5.763E+02-3.209E+03
ELEM 8122
STRS -2.863E+03-4.059E+03-1.058E+04-1.763E+02 1.609E+03-2.739E+03
ELEM 8123
STRS -2.907E+03-4.060E+03-1.069E+04-1.929E+02 2.449E+03-1.812E+03
ELEM 8124
STRS -2.914E+03-4.108E+03-1.073E+04-9.096E+01 2.916E+03-6.463E+02
ELEM 8125
STRS -1.490E+03-2.494E+03-8.847E+03-1.032E+02 2.458E+02-2.324E+03
ELEM 8126
STRS -1.471E+03-2.370E+03-8.933E+03-2.207E+02 8.472E+02-1.933E+03
ELEM 8127
STRS -1.489E+03-2.245E+03-9.114E+03-1.905E+02 1.297E+03-1.322E+03
ELEM 8128
STRS -1.603E+03-2.163E+03-9.315E+03-6.792E+01 1.578E+03-4.458E+02
ELEM 8129
STRS -2.020E+03-3.378E+03-1.090E+04-2.176E+02 5.979E+02-3.957E+03
ELEM 8130
STRS -2.093E+03-3.290E+03-1.101E+04-4.638E+02 1.793E+03-3.279E+03
ELEM 8131
STRS -2.237E+03-3.127E+03-1.120E+04-2.877E+02 2.750E+03-2.129E+03
ELEM 8132
STRS -2.412E+03-2.989E+03-1.140E+04-1.678E+02 3.101E+03-7.159E+02
ELEM 8133
STRS -1.168E+03-2.594E+03-9.955E+03-1.419E+02 2.403E+02-2.853E+03
ELEM 8134
STRS -1.324E+03-1.883E+03-1.026E+04-6.256E+02 6.215E+02-2.227E+03
ELEM 8135
STRS -1.448E+03-1.865E+03-1.153E+04-6.239E+02 4.115E+03-1.263E+03
ELEM 8136
STRS -1.857E+03-1.585E+03-1.257E+04-1.966E+02 1.982E+03-4.878E+02
ELEM 8137
STRS -1.375E+03-6.410E+02-2.530E+03 1.472E+01 4.351E+01-2.026E+03
ELEM 8138
STRS -9.648E+01-6.993E+02-2.917E+03-2.466E+01 1.996E+02-1.697E+03
ELEM 8139
STRS 7.123E+01-6.337E+02-3.313E+03-3.666E+01 3.720E+02-1.097E+03
ELEM 8140
STRS 1.655E+02-5.431E+02-3.471E+03-2.489E+01 4.021E+02-4.225E+02
ELEM 8141
STRS -1.940E+01-3.025E+02 1.477E+02 4.421E+01 2.627E+02-4.744E+03
ELEM 8142
STRS -5.261E+01-1.590E+02-1.123E+03 3.810E+03 3.628E+02-3.960E+03
ELEM 8143
STRS 1.599E+02-1.066E+01-5.590E+02-3.717E+00 5.691E+02-2.605E+03
ELEM 8144
STRS 5.853E+02 1.627E+01-1.097E+03-2.813E+00 1.035E+03-8.330E+02
ELEM 8145
STRS 5.118E+02 2.274E+00 3.067E+03 2.652E+01 2.008E+02-3.618E+03
ELEM 8146
STRS 6.697E+02 3.305E+01 3.179E+03-4.863E+00 4.798E+02 3.079E+03
ELEM 8147
STRS 8.941E+02-1.255E+02 2.922E+03 1.034E+01 2.884E+02 2.356E+03
ELEM 8148

STRS 9.501E+02-2.636E+02 2.497E+04 4.663E+00 3.962E+02 7.410E+02
ELEM 8149
STRS -3.615E+03-4.435E+03-1.032E+04 2.004E+01 4.516E+02 2.502E+03
ELEM 8150
STRS 3.632E+03-4.414E+03-1.033E+04 4.790E+01 1.282E+03 2.112E+03
ELEM 8151
STRS -3.659E+03-4.387E+03-1.035E+04 4.902E+01 1.908E+03 1.408E+03
ELEM 8152
STRS -3.680E+03-4.365E+03-1.036E+04 2.164E+01 2.243E+03 4.881E+02
ELEM 8153
STRS -3.533E+03-4.371E+03-1.035E+04 3.168E+01 5.884E+02 3.391E+03
ELEM 8154
STRS -3.551E+03-4.344E+03-1.037E+04 7.582E+01 1.680E+03 2.797E+03
ELEM 8155
STRS -3.602E+03-4.307E+03-1.042E+04 7.604E+01 2.509E+03 1.868E+03
ELEM 8156
STRS -3.629E+03-4.277E+03-1.044E+04 3.258E+01 2.962E+03 6.504E+02
ELEM 8157
STRS -3.559E+03-4.430E+03-1.099E+04 5.426E+01 7.160E+02 4.048E+03
ELEM 8158
STRS -3.706E+03-4.279E+03-1.116E+04 5.280E+01 3.595E+03 8.003E+02
ELEM 8159
STRS -3.554E+03-4.326E+03-1.111E+04 4.128E+02 3.054E+03 2.288E+03
ELEM 8160
STRS -3.651E+03-4.397E+03-1.231E+04 2.830E+02 2.877E+03 4.841E+03
ELEM 8161
STRS -3.704E+03-4.295E+03-1.255E+04 2.879E+02 4.337E+03 3.230E+03
ELEM 8162
STRS -3.746E+03-4.233E+03-1.265E+04 1.318E+02 5.176E+03 1.111E+03
ELEM 8163
STRS -3.650E+03-5.617E+03-2.194E+04 4.372E+02 1.616E+03 9.669E+03
ELEM 8164
STRS -3.524E+03-4.725E+03-2.232E+04 1.233E+03 4.905E+03 8.248E+03
ELEM 8165
STRS -3.936E+03-4.105E+03-2.223E+04 1.180E+03 7.911E+03 5.415E+03
ELEM 8166
STRS -4.308E+03-3.494E+03-2.196E+04 3.733E+02 9.372E+03 2.007E+03
ELEM 8167
STRS -3.854E+03-3.880E+03-1.486E+04 4.007E+01 2.085E+02 3.959E+03
ELEM 8168
STRS -3.827E+03-3.598E+03-1.506E+04 7.064E+01 8.393E+02 3.584E+03
ELEM 8169
STRS -5.460E+03-4.665E+03-2.639E+04 9.062E+01 1.987E+03 4.014E+02
ELEM 8170
STRS -5.276E+03-5.150E+03-2.694E+04 2.347E+02 1.930E+03 5.963E+02
ELEM 8171
STRS -3.753E+03-2.666E+03-1.280E+04-1.771E+02 5.699E+02 3.368E+03
ELEM 8172
STRS -2.685E+03-4.297E+03-1.139E+04-9.196E+01 3.726E+03 2.121E+02
ELEM 8173
STRS -2.639E+03-4.253E+03-1.147E+04-3.355E+02 3.724E+03 2.989E+02
ELEM 8174
STRS -1.896E+03-2.165E+03-5.483E+03-4.563E+02 1.839E+03 1.593E+03
ELEM 8175
STRS -2.316E+03-2.360E+03-8.516E+03 2.075E+01 4.299E+02 7.230E+03
ELEM 8176
STRS -2.448E+03-2.005E+03-9.666E+03 1.835E+01 1.148E+03 6.666E+03
ELEM 8177
STRS -1.253E+03-8.205E+02-1.184E+04 6.643E+01 2.388E+03 4.085E+02
ELEM 8178
STRS -1.135E+03-8.104E+02-1.016E+04 1.909E+02 1.970E+03 9.215E+02
ELEM 8179
STRS -2.332E+03-1.351E+03-9.012E+03-1.845E+02 6.770E+02 5.646E+03
ELEM 8180
STRS -1.184E+03-3.294E+03-6.101E+03-1.461E+02 7.057E+03 1.003E+02
ELEM 8181
STRS -1.146E+03-3.028E+03-5.121E+03-4.111E+02 6.789E+03 2.121E+02
ELEM 8182
STRS -1.538E+03-2.245E+03-4.308E+03-5.261E+02 4.393E+02 2.476E+03
ELEM 8183
STRS 1.414E+02-4.046E+02-4.408E+02 1.652E+02 5.340E+03
ELEM 8184
STRS -1.572E+03-6.493E+02-1.078E+03 5.341E+01 5.895E+01 1.027E+04
ELEM 8185
STRS 1.677E+02-1.742E+02-8.411E+02 9.426E+01 1.375E+02 6.176E+03
ELEM 8186
STRS -1.691E+03-5.538E+02-1.224E+03 7.212E+01 1.027E+02 1.005E+04
ELEM 8187
STRS 6.052E+02 1.744E+02-5.614E+02 1.437E+01 2.173E+03 7.679E+02
ELEM 8188
STRS 2.117E+01 9.237E+01-1.569E+02 3.932E+01 1.828E+03 2.784E+03
ELEM 8189
STRS 1.652E+02 3.255E+01-1.005E+03 7.394E+01 9.454E+02 5.109E+03
ELEM 8190
STRS -1.674E+03-4.112E+02-1.198E+03-1.470E+02 2.635E+02 9.178E+03
ELEM 8191

STRS 2.925E+02 1.529E+02-4.287E+02 7.510E+01 9.315E+03-2.719E+02
ELEM 8214
STRS 2.457E+01 1.570E+02-1.603E+02 1.507E+02 8.571E+03-1.146E+03
ELEM 8215
STRS 3.055E+01-1.135E+02-4.760E+02 1.465E+02 6.556E+03-2.070E+03
ELEM 8216
STRS -8.487E+02-4.096E+02-6.089E+02 2.150E+02 2.595E+03-4.227E+03
ELEM 8217
STRS -2.841E+03-4.013E+03-9.743E+03 2.526E+01-2.599E+02-1.629E+03
ELEM 8218
STRS -2.844E+03-4.002E+03-9.774E+03 4.914E+01-7.393E+02-1.292E+03
ELEM 8219
STRS -2.844E+03-4.005E+03-9.810E+03 4.143E+01-1.103E+03-8.546E+02
ELEM 8220
STRS -2.847E+03-4.022E+03-9.843E+03 1.551E+01-1.295E+03-3.031E+02
ELEM 8221
STRS -2.988E+03-4.211E+03-1.063E+04 4.954E+01-3.996E+02-2.279E+03
ELEM 8222
STRS -3.011E+03-4.201E+03-1.059E+04 1.187E+02-1.123E+03-1.930E+03
ELEM 8223
STRS -3.041E+03-4.189E+03-1.075E+04 1.198E+02-1.699E+03-1.280E+03
ELEM 8224
STRS -3.070E+03-4.185E+03-1.081E+04 5.090E+01-1.999E+03-4.585E+02
ELEM 8225
STRS -1.700E+03-2.786E+03-8.103E+03 4.334E+01-2.629E+02-1.777E+03
ELEM 8226
STRS -1.725E+03-2.736E+03-8.159E+03 1.009E+02-7.457E+02-1.521E+03
ELEM 8227
STRS -1.739E+03-2.689E+03-8.284E+03 9.418E+01-1.140E+03-1.027E+03
ELEM 8228
STRS -1.722E+03-2.675E+03-8.352E+03 4.325E+01-1.381E+03-3.529E+02
ELEM 8229
STRS -2.812E+03-4.052E+03-1.049E+04 7.072E+01-5.753E+02-3.209E+03
ELEM 8230
STRS -2.863E+03-4.059E+03-1.058E+04 1.753E+02-1.609E+03-2.739E+03
ELEM 8231
STRS -2.907E+03-4.060E+03-1.069E+04 1.929E+02-2.449E+03-1.812E+03
ELEM 8232
STRS -2.914E+03-4.063E+03-1.073E+04 9.096E+01-2.916E+03-6.463E+02
ELEM 8233
STRS -1.450E+03-2.494E+03-8.847E+03 1.032E+02-2.458E+02-2.324E+03
ELEM 8234
STRS -1.471E+03-2.370E+03-8.938E+03 2.207E+02-8.472E+02-1.933E+03
ELEM 8235
STRS -1.459E+03-2.249E+03-9.114E+03 1.905E+02-1.297E+03-1.322E+03
ELEM 8236
STRS -1.603E+03-2.163E+03-9.315E+03 6.792E+01-1.578E+03-4.459E+02
ELEM 8237
STRS -2.020E+03-3.378E+03-1.090E+04 2.176E+02-5.937E+02-3.957E+03
ELEM 8238
STRS -2.093E+03-3.290E+03-1.101E+04 4.638E+02-1.793E+03-3.279E+03
ELEM 8239
STRS -2.237E+03-3.127E+03-1.120E+04 4.287E+02-2.750E+03-2.129E+03
ELEM 8240
STRS -2.412E+03-2.989E+03-1.140E+04 1.678E+02-3.310E+03-7.159E+02
ELEM 8241
STRS -1.169E+03-2.594E+03-9.955E+03 1.419E+02-2.403E+02-2.859E+03
ELEM 8242
STRS -1.324E+03-1.883E+03-1.026E+04 5.255E+02-6.215E+02-2.227E+03
ELEM 8243
STRS -1.448E+03-1.869E+03-1.153E+04 6.239E+02-1.415E+03-1.263E+03
ELEM 8244
STRS -1.857E+03-1.585E+03-1.257E+04 1.958E+02-1.982E+03-4.878E+02
ELEM 8245
STRS -1.915E+02-6.410E+02-2.530E+03-1.472E+01-4.951E+01-2.026E+03
ELEM 8246
STRS -9.648E+01-6.993E+02-2.917E+03 2.466E+01-1.995E+02-1.697E+03
ELEM 8247
STRS 7.125E+01-6.337E+02-3.313E+03 3.566E+01-3.720E+02-1.097E+03
ELEM 8248
STRS 1.655E+02-5.431E+02-3.471E+03 2.489E+01-4.021E+02-4.229E+02
ELEM 8249
STRS -1.940E+01-3.025E+02 1.477E+02-4.421E+01-2.627E+02-4.744E+03
ELEM 8250
STRS -5.251E+01-1.590E+02-1.123E+02-8.310E+00-3.528E+02-3.960E+03
ELEM 8251
STRS 1.599E+02-1.086E+01-5.590E+02 3.717E+00-5.691E+02-2.608E+03
ELEM 8252
STRS 5.853E+01 1.627E+01-1.097E+03 2.813E+00-1.036E+03-8.330E+03
ELEM 8253
STRS 5.118E+02 2.274E+00 3.067E+03-2.652E+01-2.008E+02-3.618E+03
ELEM 8254
STRS 6.697E+02 3.396E+01 3.179E+03 4.863E+00-4.798E+02-3.079E+03
ELEM 8255
STRS 8.941E+02-1.255E+02 2.522E+03 1.034E+01-2.884E+02-2.356E+03
ELEM 8256
STRS 9.501E+02-2.636E+02 2.497E+03 4.663E+00-3.962E+02-7.410E+02
ELEM 8257
STRS -3.615E+03-4.136E+03-1.032E+04 2.004E+01-4.515E+02-2.602E+03
ELEM 8258

STRS -3.632E+03-4.414E+03-1.033E+04 4.790E+01-1.282E+03-2.112E+03
ELEM 8259
STRS -3.659E+03-4.387E+03-1.035E+04 4.902E+01-1.908E+03-1.408E+03
ELEM 8260
STRS -3.680E+03-4.366E+03-1.036E+04 2.164E+01-2.243E+03-4.881E+02
ELEM 8261
STRS -3.533E+03-4.371E+03-1.037E+04 3.168E+01-5.884E+02-3.301E+03
ELEM 8262
STRS -3.551E+03-4.344E+03-1.037E+04 7.582E+01-1.680E+03-2.797E+03
ELEM 8263
STRS -3.602E+03-4.307E+03-1.042E+04 7.604E+01-2.509E+03-1.858E+03
ELEM 8264
STRS -3.629E+03-4.277E+03-1.044E+04 3.258E+01-2.962E+03-6.504E+02
ELEM 8265
STRS -3.559E+03-4.430E+03-1.059E+04 5.426E+01-7.150E+02-4.048E+03
ELEM 8266
STRS -3.684E+03-4.384E+03-1.104E+04 1.280E+02-2.040E+03-3.425E+03
ELEM 8267
STRS -3.664E+03-4.326E+03-1.111E+04 1.280E+02-3.054E+03-2.288E+03
ELEM 8268
STRS -3.706E+03-4.279E+03-1.116E+04 5.280E+01-3.595E+03-8.003E+02
ELEM 8269
STRS -3.551E+03-4.425E+03-1.211E+04 1.212E+02-9.995E+02-6.711E+03
ELEM 8270
STRS -3.609E+03-4.397E+03-1.231E+04 2.832E+02-2.877E+03-4.841E+03
ELEM 8271
STRS -3.704E+03-4.296E+03-1.255E+04 2.879E+02-4.337E+03-2.230E+03
ELEM 8272
STRS -3.748E+03-4.233E+03-1.265E+04 1.318E+02-5.176E+03-1.111E+03
ELEM 8273
STRS -3.060E+03-5.617E+03-2.194E+04 4.372E+02-1.615E+03-9.689E+03
ELEM 8274
STRS -3.524E+03-4.725E+03-2.232E+04 1.233E+03-4.905E+03-8.248E+03
ELEM 8275
STRS -3.551E+03-4.105E+03-2.232E+04 1.180E+03-7.911E+03-5.415E+03
ELEM 8276
STRS -4.808E+03-3.494E+03-2.198E+04 3.732E+02-9.372E+03-2.007E+03
ELEM 8277
STRS -3.854E+03-3.880E+03-1.486E+04 4.007E+01-2.086E+02-3.959E+03
ELEM 8278
STRS -3.827E+03-3.598E+03-1.505E+04 7.064E+01-8.393E+02-3.584E+03
ELEM 8279
STRS -5.460E+03-4.207E+03-1.665E+04 9.062E+01-1.987E+03-4.014E+02
ELEM 8280
STRS -5.276E+03-5.150E+03-2.694E+04 2.347E+02-1.990E+03-6.953E+02
ELEM 8281
STRS -3.750E+03-2.666E+03-1.280E+04-1.771E+02-5.699E+02-3.368E+03
ELEM 8282
STRS -2.689E+03-4.297E+03-1.139E+04-9.195E+01-3.726E+03-2.121E+02
ELEM 8283
STRS -2.539E+03-4.253E+03-1.147E+04-3.355E+02-3.724E+03-2.988E+02
ELEM 8284
STRS -1.839E+03-2.165E+03-5.483E+03-4.563E+02-1.839E+03-1.593E+03
ELEM 8285
STRS -2.316E+03-2.360E+03-8.516E+03 2.075E+01-4.299E+02-7.230E+03
ELEM 8286
STRS -2.448E+03-2.005E+03-9.666E+03 1.835E+01-1.148E+03-6.655E+03
ELEM 8287
STRS -1.203E+03-8.205E+02-1.184E+04 6.843E+01-2.388E+03-4.085E+02
ELEM 8288
STRS -1.139E+03-8.104E+02-1.016E+04 1.909E+02-1.970E+03-9.215E+02
ELEM 8289
STRS -2.332E+03-1.351E+03-9.012E+03-1.845E+02-6.770E+02-6.646E+03
ELEM 8290
STRS -1.184E+03-3.294E+03-8.101E+03-1.461E+02-7.057E+03-1.003E+02
ELEM 8291
STRS -1.146E+03-3.028E+03-5.121E+03-4.411E+02-6.789E+03-2.121E+02
ELEM 8292
STRS -1.538E+03-2.249E+03-4.308E+03-5.261E+02-4.393E+03-2.476E+03
ELEM 8293
STRS 1.414E+02-4.046E+02-4.408E+02 3.509E+01-1.652E+02-6.340E+03
ELEM 8294
STRS -1.672E+03-6.493E+02-1.078E+03 5.341E+01-5.855E+01-1.027E+04
ELEM 8295
STRS 1.677E+02-1.742E+02-8.411E+02 9.428E+01-1.375E+02-6.176E+03
ELEM 8296
STRS -1.591E+03-5.538E+02-1.224E+03 7.212E+01-1.027E+02-1.005E+04
ELEM 8297
STRS 6.062E+02 1.744E+02-5.614E+02 1.437E+01-2.173E+02-7.579E+02
ELEM 8298
STRS 2.117E+01 9.237E+01-1.569E+02 3.932E+01-1.828E+02-2.784E+03
ELEM 8299
STRS 1.652E+02 3.256E+01-1.005E+03 7.394E+01-9.454E+02-5.109E+03
ELEM 8300
STRS -1.674E+03-4.112E+02-1.198E+03-1.470E+02-2.635E+02-9.178E+03
ELEM 8301
STRS 2.926E+02 1.529E+02-4.287E+02-7.510E+01-9.315E+03-2.719E+02
ELEM 8302
STRS 2.457E+01 1.570E+02-1.603E+02-1.507E+02 8.571E+03-1.146E+03
ELEM 8303

STRS 3.655E+01-1.135E+02-4.760E+02-1.465E+02-6.556E+03-2.070E+03
ELEM 8304
STRS -8.487E+02-4.096E+02-6.089E+02-2.150E+02 2.595E+03-4.227E+03
ELEM 8305
STRS -2.841E+03-4.013E+03-9.743E+03-2.526E+01-2.599E+02-1.629E+03
ELEM 8306
STRS -2.844E+03-4.002E+03-9.774E+03-4.914E+01-7.393E+02-1.292E+03
ELEM 8307
STRS -2.844E+03-4.005E+03-9.810E+03-4.143E+01-1.103E+03-8.546E+02
ELEM 8308
STRS -2.847E+03-4.022E+03-9.843E+03-1.551E+01-1.295E+03-3.031E+02
ELEM 8309
STRS -2.988E+03-4.211E+03-1.063E+04 4.954E+01-3.996E+02-2.279E+03
ELEM 8310
STRS -3.011E+03-4.201E+03-1.059E+04 1.187E+02-1.123E+03-1.930E+03
ELEM 8311
STRS -3.041E+03-4.189E+03-1.075E+04 1.198E+02-1.699E+03-1.280E+03
ELEM 8312
STRS -3.070E+03-4.185E+03-1.081E+04 5.090E+01-1.999E+03-4.585E+02
ELEM 8313
STRS -1.700E+03-2.786E+03-8.103E+03 4.334E+01-2.629E+02-1.777E+03
ELEM 8314
STRS -1.725E+03-2.736E+03-8.159E+03 1.009E+02-7.457E+02-1.521E+03
ELEM 8315
STRS -1.739E+03-2.689E+03-8.284E+03 9.418E+01-1.140E+03-1.027E+03
ELEM 8316
STRS -1.722E+03-2.675E+03-8.352E+03 4.325E+01-1.381E+03-3.529E+02
ELEM 8317
STRS -2.812E+03-4.052E+03-1.049E+04 7.072E+01-5.753E+02-3.209E+03
ELEM 8318
STRS -2.863E+03-4.059E+03-1.058E+04 1.753E+02-1.609E+03-2.739E+03
ELEM 8319
STRS -2.907E+03-4.060E+03-1.069E+04 1.929E+02-2.449E+03-1.812E+03
ELEM 8320
STRS -2.914E+03-4.063E+03-1.073E+04 9.096E+01-2.916E+03-6.463E+02
ELEM 8321
STRS -1.450E+03-2.494E+03-8.847E+03 1.032E+02-2.458E+02-2.324E+03
ELEM 8322
STRS -1.471E+03-2.370E+03-8.938E+03 2.207E+02-8.472E+02-1.933E+03
ELEM 8323
STRS -1.459E+03-2.249E+03-9.114E+03 1.905E+02-1.297E+03-1.322E+03
ELEM 8324
STRS -1.603E+03-2.163E+03-9.315E+03 6.792E+01-1.578E+03-4.459E+02
ELEM 8325
STRS -2.020E+03-3.378E+03-1.090E+04 2.176E+02-5.937E+02-3.957E+03
ELEM 8326
STRS -2.093E+03-3.290E+03-1.101E+04 4.638E+02-1.793E+03-3.279E+03
ELEM 8327
STRS -2.237E+03-3.127E+03-1.120E+04 4.287E+02-2.750E+03-2.129E+03
ELEM 8328
STRS -2.412E+03-2.989E+03-1.140E+04 1.678E+02-3.310E+03-7.159E+02
ELEM 8329
STRS -1.169E+03-2.594E+03-9.955E+03 1.419E+02-2.403E+02-2.859E+03
ELEM 8330
STRS -1.324E+03-1.883E+03-1.026E+04 5.255E+02-6.215E+02-2.227E+03
ELEM 8331
STRS -1.448E+03-1.869E+03-1.153E+04 6.239E+02-1.415E+03-1.263E+03
ELEM 8332
STRS -1.857E+03-1.585E+03-1.257E+04 1.958E+02-1.982E+03-4.878E+02
ELEM 8333
STRS -1.915E+02-6.410E+02-2.530E+03-1.472E+01-4.951E+01-2.026E+03
ELEM 8334
STRS -9.648E+01-6.993E+02-2.917E+03 2.466E+01-1.995E+02-1.697E+03
ELEM 8335
STRS 7.125E+01-6.337E+02-3.313E+03 3.566E+01-3.720E+02-1.097E+03
ELEM 8336
STRS 1.655E+02-5.431E+02-3.471E+03 2.489E+01-4.021E+02-4.229E+02
ELEM 8337
STRS -1.940E+01-3.025E+02 1.477E+02-4.421E+01-2.627E+02-4.744E+03
ELEM 8338
STRS -5.251E+01-1.590E+02-1.123E+02-8.310E+00-3.528E+02-3.960E+03
ELEM 8339
STRS 1.599E+02-1.086E+01-5.590E+02 3.717E+00-5.691E+02-2.608E+03
ELEM 8340
STRS 5.853E+01 1.627E+01-1.097E+03 2.813E+00-1.036E+03-8.330E+03
ELEM 8341
STRS 5.118E+02 2.274E+00 3.067E+03-2.652E+01-2.008E+02-3.618E+03
ELEM 8342
STRS 6.697E+02 3.396E+01 3.179E+03 4.863E+00-4.798E+02-3.079E+03
ELEM 8343
STRS 8.941E+02-1.255E+02 2.522E+03 1.034E+01-2.884E+02-2.356E+03
ELEM 8344
STRS 9.501E+02-2.636E+02 2.497E+03 4.663E+00-3.962E+02-7.410E+02
ELEM 8345
STRS -3.615E+03-4.136E+03-1.032E+04 2.004E+01-4.515E+02-2.602E+03
ELEM 8346
STRS -3.632E+03-4.414E+03-1.033E+04 4.790E+01-1.282E+03-2.112E+03
ELEM 8347
STRS -3.659E+03-4.387E+03-1.035E+04 4.902E+01-1.908E+03-1.408E+03
ELEM 8348

STRS	2.406E+03	1.600E+03	1.079E+04	8.041E+01	1.317E+02	3.862E+03
ELEM	8442					
STRS	2.40E+03	1.474E+03	1.045E+04	1.882E+02	3.105E+02	3.675E+03
ELEM	8443					
STRS	2.340E+03	1.244E+03	1.037E+04	2.020E+02	3.091E+02	2.794E+03
ELEM	8444					
STRS	2.29E+03	1.137E+03	1.045E+04	8.297E+01	4.202E+02	1.027E+03
ELEM	8445					
STRS	2.539E+03	4.746E+03	2.115E+04	7.255E+01	1.092E+02	5.010E+03
ELEM	8446					
STRS	2.233E+03	4.643E+03	2.105E+04	0.226E+02	2.854E+02	4.984E+03
ELEM	8447					
STRS	5.271E+03	4.615E+03	2.161E+04	2.297E+02	6.843E+02	3.807E+03
ELEM	8448					
STRS	5.242E+03	4.755E+03	2.251E+04	9.477E+01	8.910E+02	1.353E+04
ELEM	8449					
STRS	2.165E+03	1.722E+03	9.626E+03	1.030E+02	3.635E+01	6.535E+03
ELEM	8450					
STRS	1.635E+03	1.457E+03	6.599E+03	8.262E+01	9.031E+00	1.036E+04
ELEM	8451					
STRS	4.008E+03	3.430E+03	1.490E+04	1.182E+02	7.232E+01	7.833E+03
ELEM	8452					
STRS	2.095E+03	1.663E+03	9.505E+03	3.117E+02	1.224E+02	6.519E+03
ELEM	8453					
STRS	1.551E+03	1.472E+03	6.552E+03	2.275E+02	9.227E+01	1.027E+04
ELEM	8454					
STRS	3.455E+03	3.342E+03	1.471E+04	3.658E+02	2.169E+02	7.761E+03
ELEM	8455					
STRS	1.820E+03	1.150E+03	8.239E+03	1.019E+02	1.502E+03	1.123E+03
ELEM	8456					
STRS	2.078E+03	1.331E+03	8.774E+03	2.729E+02	1.348E+03	3.158E+03
ELEM	8457					
STRS	1.144E+03	1.321E+03	8.184E+03	2.861E+02	8.650E+02	5.000E+03
ELEM	8458					
STRS	1.397E+03	2.128E+03	5.982E+03	7.741E+02	1.171E+02	9.472E+03
ELEM	8459					
STRS	4.833E+03	4.214E+03	2.077E+04	1.605E+02	1.571E+03	1.525E+03
ELEM	8460					
STRS	4.787E+03	4.002E+03	1.926E+04	4.583E+02	1.380E+03	4.492E+03
ELEM	8461					
STRS	3.570E+03	2.845E+03	1.354E+04	7.331E+02	8.282E+02	7.150E+03
ELEM	8462					
STRS	1.350E+03	3.228E+03	3.770E+03	5.912E+01	8.325E+03	4.565E+02
ELEM	8463					
STRS	1.446E+03	3.057E+03	4.091E+03	1.805E+02	7.437E+03	1.350E+03
ELEM	8464					
STRS	1.142E+03	2.319E+03	3.927E+03	1.263E+02	5.734E+03	2.382E+03
ELEM	8465					
STRS	8.075E+03	1.167E+03	2.888E+03	3.362E+02	2.411E+03	4.330E+03
ELEM	8466					
STRS	2.747E+03	4.230E+03	1.005E+04	9.083E+01	4.181E+03	6.959E+02
ELEM	8467					
STRS	2.686E+03	3.817E+03	9.291E+03	2.418E+02	3.618E+03	2.077E+03
ELEM	8468					
STRS	2.055E+03	2.680E+03	6.040E+03	5.376E+02	2.780E+03	3.288E+03
ELEM	8477					
STRS	2.405E+03	1.600E+03	1.079E+04	8.041E+01	1.317E+02	3.862E+03
ELEM	8478					
STRS	2.505E+03	1.474E+03	1.045E+04	1.882E+02	3.105E+02	3.675E+03
ELEM	8479					
STRS	2.340E+03	1.244E+03	1.037E+04	2.020E+02	3.091E+02	

STGS	1.	3.397E+03	1.218E+03	5.982E+03	4.781E+02	3.111E+02	9.472E+03
ELEM	8495						
STGS	4.	2.81E+03	4.214E+03	2.077E+04	1.605E+02	1.571E+03	1.525E+03
ELEM	8496						
STGS	4.	7.87E+03	4.002E+03	1.925E+04	4.583E+02	1.380E+03	4.492E+03
ELEM	8497						
STGS	3.	5.07E+03	2.845E+03	1.354E+04	7.331E+02	8.282E+02	7.150E+03
ELEM	8498						
STGS	1.	2.50E+03	3.228E+03	3.770E+03	5.912E+01	8.325E+03	4.568E+02
ELEM	8499						
STGS	1.	4.46E+03	3.057E+03	4.091E+03	1.805E+02	7.437E+03	1.350E+03
ELEM	8500						
STGS	1.	1.42E+03	2.319E+03	3.927E+03	1.283E+02	5.734E+03	2.332E+03
ELEM	8501						
STGS	2.	0.75E+02	1.167E+03	2.888E+03	3.362E+02	2.411E+03	4.380E+03
ELEM	8502						
STGS	2.	7.47E+03	4.230E+03	1.006E+04	9.083E+01	4.181E+03	6.959E+02
ELEM	8503						
STGS	2.	5.68E+03	3.817E+03	9.291E+03	2.418E+02	3.618E+03	2.077E+03
ELEM	8504						
STGS	2.	2.50E+03	2.680E+03	6.640E+03	5.376E+02	2.780E+03	3.288E+03
ELEM	8505						
STGS	2.	4.06E+03	1.600E+03	1.079E+04	8.041E+01	1.317E+02	3.862E+03
ELEM	8514						
STGS	2.	3.50E+03	1.474E+03	1.045E+04	1.862E+02	3.105E+02	3.579E+03
ELEM	8515						
STGS	2.	2.05E+03	1.244E+03	1.037E+04	2.020E+02	3.091E+02	2.794E+03
ELEM	8516						
STGS	2.	2.92E+03	1.137E+03	1.045E+04	8.297E+01	4.202E+02	1.027E+03
ELEM	8517						
STGS	5.	2.93E+03	4.746E+03	2.115E+04	7.255E+01	1.092E+02	5.010E+03
ELEM	8518						
STGS	5.	2.93E+03	4.643E+03	2.105E+04	2.286E+02	2.854E+02	4.984E+03
ELEM	8519						
STGS	5.	2.71E+03	4.615E+03	2.151E+04	2.097E+02	6.943E+02	3.807E+03
ELEM	8520						
STGS	5.	3.32E+03	4.766E+03	2.251E+04	9.477E+01	6.910E+02	1.353E+03
ELEM	8521						
STGS	2.	1.66E+03	1.722E+03	9.626E+03	1.030E+02	3.635E+01	6.535E+03
ELEM	8522						
STGS	1.	6.33E+03	1.457E+03	6.593E+03	8.262E+01	9.031E+00	1.036E+04
ELEM	8523						
STGS	4.	0.00E+03	3.430E+03	1.490E+04	1.182E+02	7.232E+01	7.833E+03
ELEM	8524						
STGS	2.	0.95E+03	1.663E+03	9.505E+03	3.117E+02	1.224E+02	6.519E+03
ELEM	8525						
STGS	1.	5.61E+03	1.472E+03	6.562E+03	2.656E+02	2.192E+01	1.027E+04
ELEM	8526						
STGS	3.	8.85E+03	3.342E+03	1.471E+04	3.278E+02	1.227E+02	7.761E+03
ELEM	8527						
STGS	1.	8.20E+03	1.150E+03	8.239E+03	0.199E+02	1.502E+03	1.123E+03
ELEM	8528						
STGS	2.	0.78E+03	1.331E+03	8.774E+03	2.729E+02	1.348E+03	3.158E+03
ELEM	8529						
STGS	1.	7.14E+03	1.321E+03	3.184E+03	2.864E+02	8.650E+02	5.600E+03
ELEM	8530						
STGS	1.	3.37E+03	1.218E+03	5.982E+03	4.781E+02	3.111E+02	9.4

STRS -3.663E+03-4.426E+03-1.005E+04 1.646E+00 6.231E+02 1.074E+03
ELEM 8050
STRS -3.665E+03-4.433E+03-1.006E+04 2.966E+00 9.523E+02 7.442E+02
ELEM 8050
STRS -3.662E+03-4.432E+03-1.006E+04 1.154E+00 2.555E+02
ELEM 8103
STRS -2.735E+03-3.904E+03-9.543E+03-8.683E+00 1.617E+02-9.940E+02
STRS 8110
STRS -2.745E+03-3.907E+03-9.567E+03-1.170E+01 4.686E+02-8.680E+02
ELEM 8111
STRS -2.722E+03-3.909E+03-9.576E+03-3.343E+00 7.461E+02-6.919E+02
ELEM 8112
STRS -2.714E+03-3.908E+03-9.594E+03 1.645E+00 8.978E+02-2.279E+02
ELEM 8141
STRS -9.655E+02-1.968E+03-6.629E+03-2.271E+00 1.515E+02-1.299E+03
ELEM 8142
STRS -9.876E+02-1.956E+03-6.709E+03-3.467E+00 4.956E+02-1.150E+03
ELEM 8143
STRS -1.027E+03-2.007E+03-6.923E+03 1.431E+01 7.650E+02-8.724E+02
ELEM 8144
STRS -9.909E+02-2.049E+03-7.013E+03 3.322E+00 1.023E+03-2.411E+02
ELEM 8145
STRS 1.166E+01-8.520E+02-3.876E+03-4.298E+00-1.071E+01-8.332E+02
ELEM 8146
STRS 6.659E+00-9.369E+02-3.977E+03 1.709E+01 9.400E+00-6.181E+02
ELEM 8147
STRS -5.785E+01-9.890E+02-3.968E+03-2.300E+01 2.577E+02-5.462E+02
ELEM 8148
STRS -8.660E+01-9.831E+02-3.978E+03-1.414E+01 3.623E+02-2.703E+02
ELEM 8157
STRS 1.093E+03-8.075E+01 2.151E+03 1.010E+01-1.016E+02-8.023E+02
ELEM 8158
STRS 1.147E+03-4.752E+01 2.263E+03 3.503E+01-1.125E+02-8.121E+02
ELEM 8159
STRS 1.093E+03-5.734E+01 2.266E+03 1.335E+01 1.819E+02-5.460E+02
ELEM 8160
STRS 1.046E+03-3.201E+01 2.389E+03 1.022E+01 3.670E+02-1.383E+02
ELEM 8165
STRS -3.662E+03-4.422E+03-1.005E+04-8.307E-01 2.117E+02-1.244E+03
ELEM 8166
STRS -3.663E+03-4.425E+03-1.005E+04-1.646E+00 6.231E+02-1.074E+03
ELEM 8167
STRS -3.665E+03-4.433E+03-1.006E+04-2.966E+00 9.523E+02-7.442E+02
ELEM 8168
STRS -3.662E+03-4.432E+03-1.006E+04-2.113E+00 1.154E+03-2.555E+02
ELEM 8217
STRS -2.735E+03-3.904E+03-9.543E+03 8.683E+00-1.617E+02-9.940E+02
ELEM 8218
STRS -2.745E+03-3.907E+03-9.567E+03 1.170E+01 4.686E+02-8.680E+02
ELEM 8219
STRS -2.722E+03-3.909E+03-9.576E+03 3.343E+00-7.461E+02-6.919E+02
ELEM 8220
STRS -2.714E+03-3.908E+03-9.594E+03 1.645E+00 8.978E+02-2.279E+02
ELEM 8249
STRS -9.655E+02-1.968E+03-6.629E+03 2.271E+00-1.515E+02-1.299E+03
ELEM 8250
STRS -9.876E+02-1.956E+03-6.709E+03 3.467E+00-4.956E+02-1.150E+03
ELEM 8251
STRS -1.027E+03-2.007E+03-6.923E+03-1.431E+01-7.650E+02-8.724E+02
ELEM 8252
STRS -9.909E+02-2.049E+03-7.013E+03-3.322E+00-1.023E+03-2.411E+02
ELEM 8253
STRS 1.166E+01-8.520E+02-3.876E+03-4.298E+00-1.071E+01-8.332E+02
ELEM 8254
STRS 6.659E+00-9.369E+02-3.977E+03 1.709E+01 9.400E+00-6.181E+02
ELEM 8255
STRS -5.785E+01-9.890E+02-3.968E+03-2.300E+01 2.577E+02-5.462E+02
ELEM 8256
STRS -8.660E+01-9.831E+02-3.978E+03 1.414E+01 3.623E+02-2.703E+02
ELEM 8257
STRS 1.093E+03-8.075E+01 2.151E+03 1.010E+01-1.016E+02-8.023E+02
ELEM 8258
STRS 1.147E+03-4.752E+01 2.263E+03 3.503E+01-1.125E+02-8.121E+02
ELEM 8259
STRS 1.093E+03-5.734E+01 2.266E+03 1.335E+01-1.819E+02-5.460E+02
ELEM 8260
STRS 1.046E+03-3.201E+01 2.389E+03-1.022E+01-3.670E+02-1.383E+02
ELEM 8273
STRS -3.662E+03-4.422E+03-1.005E+04-8.307E-01 2.117E+02-1.244E+03
ELEM 8274
STRS -3.663E+03-4.425E+03-1.005E+04 1.646E+00 6.231E+02-1.074E+03
ELEM 8275
STRS -3.665E+03-4.433E+03-1.006E+04 2.966E+00 9.523E+02-7.442E+02
ELEM 8276
STRS -3.662E+03-4.432E+03-1.006E+04 2.113E+00-1.154E+03-2.555E+02
ELEM 8325
STRS -2.735E+03-3.904E+03-9.543E+03-8.683E+00-1.617E+02-9.940E+02
ELEM 8326
STRS -2.745E+03-3.907E+03-9.567E+03-1.170E+01-4.686E+02-8.680E+02
ELEM 8327

STRS -2.722E+03-3.909E+03-9.576E+03-3.343E+00-7.461E+02 6.919E+02
ELEM 8328
STRS -2.714E+03-3.908E+03-9.594E+03 1.645E+00-8.978E+02 2.279E+02
ELEM 8357
STRS -9.595E+02-1.968E+03-6.629E+03-2.271E+00-1.515E+02 1.299E+03
ELEM 8358
STRS -9.876E+02-1.956E+03-6.709E+03-3.467E+00-4.956E+02 1.150E+03
ELEM 8359
STRS -1.027E+03-2.007E+03-6.923E+03 1.431E+01-7.650E+02 8.724E+02
ELEM 8360
STRS -9.909E+02-2.049E+03-7.013E+03 3.322E+00-1.023E+03 2.411E+02
ELEM 8361
STRS 1.166E+01-8.520E+02-3.876E+03-4.298E+00-1.071E+01-8.332E+02
ELEM 8362
STRS 6.659E+00-9.369E+02-3.977E+03 1.709E+01-9.400E+00 6.181E+02
ELEM 8363
STRS -5.786E+01-9.890E+02-3.968E+03-2.300E+01-2.577E+02 5.462E+02
ELEM 8364
STRS -8.660E+01-9.831E+02-3.978E+03-1.414E+01-3.623E+02 2.703E+02
ELEM 8373
STRS 1.093E+03-8.075E+01 2.151E+03 1.010E+01-1.016E+02 8.023E+02
ELEM 8374
STRS 1.147E+03-4.752E+01 2.263E+03 3.503E+01-1.125E+02 8.121E+02
ELEM 8375
STRS 1.093E+03-5.734E+01 2.266E+03 1.335E+01-1.819E+02 5.460E+02
ELEM 8376
STRS 1.046E+03-3.201E+01 2.389E+03 1.022E+01-3.670E+02 1.383E+02
ELEM 8381
STRS -3.662E+03-4.422E+03-1.005E+04-8.307E-01 2.117E+02 1.244E+03
ELEM 8382
STRS -3.663E+03-4.425E+03-1.005E+04-1.646E+00-6.231E+02 1.074E+03
ELEM 8383
STRS -3.665E+03-4.433E+03-1.006E+04-2.966E+00-9.523E+02 7.442E+02
ELEM 8384
STRS -3.662E+03-4.432E+03-1.006E+04-2.113E+00-1.154E+03 2.555E+02
ELEM 8433
STRS 2.474E+03 1.402E+03 1.125E+04 8.482E+00 7.382E+01 1.533E+03
ELEM 8434
STRS 2.451E+03 1.360E+03 1.112E+04-4.635E+00 2.288E+02 1.467E+03
ELEM 8435
STRS 2.335E+03 1.303E+03 1.090E+04 1.428E+01 4.932E+02 1.190E+03
ELEM 8436
STRS 2.347E+03 1.272E+03 1.067E+04-1.137E+01 7.984E+02 5.069E+02
ELEM 8437
STRS 5.489E+03 5.112E+03 2.328E+04 3.455E+01 8.098E+01 1.849E+03
ELEM 8438
STRS 5.451E+03 5.025E+03 2.328E+04 6.129E+01 2.148E+02 1.797E+03
ELEM 8439
STRS 5.367E+03 4.815E+03 2.264E+04 2.997E+01 5.688E+02 2.265E+03
ELEM 8440
STRS 5.408E+03 4.922E+03 2.280E+04 6.345E+00 4.417E+02 8.996E+02
ELEM 8469
STRS 2.474E+03 1.402E+03 1.125E+04-8.482E+00 7.382E+01-1.533E+03
ELEM 8470
STRS 2.461E+03 1.360E+03 1.112E+04 4.635E+00 2.288E+02-1.467E+03
ELEM 8471
STRS 2.335E+03 1.303E+03 1.090E+04-1.428E+01 4.932E+02-1.190E+03
ELEM 8472
STRS 2.347E+03 1.272E+03 1.067E+04 1.137E+01 7.984E+02-5.069E+02
ELEM 8473
STRS 5.489E+03 5.112E+03 2.328E+04-3.455E+01 8.098E+01-1.849E+03
ELEM 8474
STRS 5.451E+03 5.025E+03 2.328E+04-6.129E+01 2.148E+02-1.797E+03
ELEM 8475
STRS 5.367E+03 4.815E+03 2.264E+04-2.997E+01-5.688E+02-2.265E+03
ELEM 8476
STRS 5.408E+03 4.922E+03 2.280E+04-6.345E+00 4.417E+02-8.996E+02
ELEM 8505
STRS 2.474E+03 1.402E+03 1.125E+04 8.482E+00-7.382E+01-1.533E+03
ELEM 8506
STRS 2.461E+03 1.360E+03 1.112E+04-4.635E+00-2.288E+02-1.467E+03
ELEM 8507
STRS 2.335E+03 1.303E+03 1.090E+04 1.428E+01-4.932E+02-1.190E+03
ELEM 8508
STRS 2.347E+03 1.272E+03 1.067E+04-1.137E+01-7.984E+02-5.069E+02
ELEM 8509
STRS 5.489E+03 5.112E+03 2.328E+04 3.455E+01-8.098E+01-1.849E+03
ELEM 8510
STRS 5.451E+03 5.025E+03 2.328E+04 6.129E+01-2.148E+02-1.797E+03
ELEM 8511
STRS 5.367E+03 4.815E+03 2.264E+04 2.997E+01 5.688E+02-2.265E+03
ELEM 8512
STRS 5.408E+03 4.922E+03 2.280E+04 6.345E+00-4.417E+02-8.996E+02
ELEM 8541
STRS 2.474E+03 1.402E+03 1.125E+04-8.482E+00-7.382E+01-1.533E+03
ELEM 8542
STRS 2.461E+03 1.360E+03 1.112E+04 4.635E+00-2.288E+02 1.467E+03
ELEM 8543
STRS 2.335E+03 1.303E+03 1.090E+04-1.428E+01-4.932E+02 1.190E+03
ELEM 8544

STRS 2.347E+03 1.272E+03 1.067E+04 1.137E+01-7.984E+02 5.069E+02
ELEM 8545
STRS 5.489E+03 5.112E+03 2.328E+04-3.455E+01-8.098E+01 1.849E+03
ELEM 8546
STRS 5.451E+03 5.025E+03 2.328E+04-6.129E+01-2.148E+02 1.797E+03
ELEM 8547
STRS 5.367E+03 4.815E+03 2.264E+04-2.997E+01 5.688E+02 2.265E+03
ELEM 8548
STRS 5.408E+03 4.922E+03 2.280E+04-6.345E+00-4.417E+02 8.996E+02
ELEM 4017
STRS -8.390E+05-8.865E+06-1.118E+07 1.326E+02-1.419E+04-4.552E+04
ELEM 4018
STRS -8.390E+05-8.865E+06-1.118E+07 2.493E+02-4.085E+04-2.924E+04
ELEM 4019
STRS -8.389E+05-8.866E+06-1.118E+07 3.087E+02-6.204E+04-2.683E+04
ELEM 4020
STRS -8.389E+05-8.867E+06-1.118E+07 1.937E+02-7.393E+04-9.564E+03
ELEM 4021
STRS -8.389E+05-8.867E+06-1.118E+07-1.937E+02-7.393E+04 9.564E+03
ELEM 4022
STRS -8.389E+05-8.866E+06-1.118E+07-3.087E+02-6.204E+04 2.683E+04
ELEM 4023
STRS -8.390E+05-8.865E+06-1.118E+07-2.493E+02-4.085E+04 3.924E+04
ELEM 4024
STRS -8.390E+05-8.865E+06-1.118E+07-1.326E+02-1.419E+04 4.552E+04
ELEM 4025
STRS -8.390E+05-8.865E+06-1.118E+07 1.326E+02 1.419E+04 4.552E+04
ELEM 4026
STRS -8.390E+05-8.865E+06-1.118E+07 2.493E+02 4.085E+04 3.924E+04
ELEM 4027
STRS -8.389E+05-8.865E+06-1.118E+07 3.087E+02 6.204E+04 2.683E+04
ELEM 4028
STRS -8.389E+05-8.867E+06-1.118E+07 1.937E+02 7.393E+04 9.564E+03
ELEM 4029
STRS -8.389E+05-8.867E+06-1.118E+07-1.937E+02 7.393E+04-9.564E+03
ELEM 4030
STRS -8.389E+05-8.866E+06-1.118E+07-3.087E+02 6.204E+04-2.683E+04
ELEM 4031
STRS -8.390E+05-8.865E+06-1.118E+07-2.493E+02 4.085E+04-3.924E+04
ELEM 4032
STRS -8.390E+05-8.865E+06-1.118E+07-1.326E+02 1.419E+04-4.552E+04
ELEM 4033
STRS -8.391E+05-8.865E+06-1.118E+07 2.048E+02-1.966E+04-6.255E+04
ELEM 4034
STRS -8.390E+05-8.866E+06-1.118E+07 4.058E+02-5.614E+04-5.332E+04
ELEM 4035
STRS -8.390E+05-8.868E+06-1.118E+07 3.904E+02-8.439E+04-5.592E+04
ELEM 4036
STRS -8.390E+05-8.869E+06-1.118E+07 1.719E+02-9.986E+04-1.269E+04
ELEM 4037
STRS -8.390E+05-8.869E+06-1.118E+07-1.719E+02-9.986E+04 1.269E+04
ELEM 4038
STRS -8.390E+05-8.868E+06-1.118E+07-3.904E+02-8.439E+04 5.592E+04
ELEM 4039
STRS -8.390E+05-8.866E+06-1.118E+07-4.058E+02-5.614E+04 5.332E+04
ELEM 4040
STRS -8.391E+05-8.865E+06-1.118E+07-2.048E+02-1.966E+04 6.255E+04
ELEM 4041
STRS -8.391E+05-8.865E+06-1.118E+07 2.048E+02 1.966E+04 6.255E+04
ELEM 4042
STRS -8.390E+05-8.866E+06-1.118E+07 4.058E+02 5.614E+04 5.332E+04
ELEM 4043
STRS -8.390E+05-8.868E+06-1.118E+07 3.904E+02 8.439E+04 5.592E+04
ELEM 4044
STRS -8.390E+05-8.869E+06-1.118E+07 1.719E+02 9.986E+04 1.269E+04
ELEM 4045
STRS -8.390E+05-8.869E+06-1.118E+07-1.719E+02-9.986E+04 1.269E+04
ELEM 4046
STRS -8.390E+05-8.868E+06-1.118E+07-3.904E+02-8.439E+04 5.592E+04
ELEM 4047
STRS -8.390E+05-8.866E+06-1.118E+07-4.058E+02 5.614E+04-5.332E+04
ELEM 4048
STRS -8.391E+05-8.865E+06-1.118E+07-2.048E+02 1.966E+04-6.255E+04
ELEM 4049
STRS -8.392E+05-8.865E+06-1.118E+07 4.330E+02-2.527E+04-8.016E+04
ELEM 4050
STRS -8.392E+05-8.865E+06-1.118E+07 5.736E+02-1.075E+05-4.560E+04
ELEM 4051
STRS -8.390E+05-8.871E+06-1.118E+07-1.140E+02-7.181E+04-5.812E+04
ELEM 4052
STRS -8.390E+05-8.873E+06-1.118E+07 2.525E+02-1.269E+05 1.603E+04
ELEM 4053
STRS -8.390E+05-8.871E+06-1.118E+07-5.736E+02-1.075E+05 4.560E+04
ELEM 4054
STRS -8.392E+05-8.868E+06-1.118E+07-8.140E+02-7.181E+04 6.812E+04
ELEM 4055
STRS -8.392E+05-8.865E+06-1.118E+07-4.330E+02-2.527E+04 8.016E+04
ELEM 4056
STRS -8.392E+05-8.865E+06-1.118E+07-4.330E+02-2.527E+04 8.016E+04
ELEM 4057

STRS	-8.784E+06-8.650E+06-1.042E+07-1.209E+04-2.167E+05-9.403E+05
STRS	-8.787E+06-8.744E+06-1.039E+07-1.767E+04-4.537E+05-9.338E+05
STRS	4104
STRS	-8.630E+06-8.785E+06-1.003E+07-8.762E+03-6.751E+05-9.329E+05
STRS	4105
STRS	-8.520E+06-9.032E+06-1.072E+07-1.363E+04-5.851E+05-7.004E+05
STRS	4106
STRS	-8.644E+06-8.986E+06-1.108E+07-1.735E+04-4.676E+05-9.503E+05
STRS	4107
STRS	-8.617E+06-8.881E+06-1.103E+07-1.392E+04-2.268E+05-6.893E+05
STRS	4108
STRS	-8.609E+06-8.855E+06-1.103E+07-4.844E+03-7.676E+04-6.509E+05
STRS	4109
STRS	-8.602E+06-8.855E+06-1.109E+07-4.844E+03-7.676E+04-6.509E+05
STRS	4110
STRS	-8.617E+06-8.881E+06-1.109E+07-1.392E+04-2.268E+05-6.893E+05
STRS	4111
STRS	-8.644E+06-8.986E+06-1.107E+07-1.735E+04-4.676E+05-9.503E+05
STRS	4112
STRS	-8.620E+06-9.032E+06-1.082E+07-1.363E+04-5.851E+05-7.004E+05
STRS	4113
STRS	-8.390E+06-9.045E+06-1.079E+07-2.214E+03-5.988E+05-3.365E+05
STRS	4114
STRS	-8.478E+06-8.984E+06-1.113E+07-7.691E+03-4.537E+05-3.097E+05
STRS	4115
STRS	-8.438E+06-8.872E+06-1.114E+07-2.657E+03-2.016E+05-3.179E+05
STRS	4116
STRS	-8.440E+06-8.857E+06-1.115E+07-3.735E+02-6.999E+04-3.287E+05
STRS	4117
STRS	-8.440E+06-8.872E+06-1.115E+07-3.735E+02-6.999E+04-3.287E+05
STRS	4118
STRS	-8.438E+06-8.872E+06-1.114E+07-2.657E+03-2.016E+05-3.179E+05
STRS	4119
STRS	-8.478E+06-8.984E+06-1.113E+07-7.691E+03-4.537E+05-3.097E+05
STRS	4120
STRS	-8.390E+06-9.045E+06-1.079E+07-2.214E+03-5.988E+05-3.365E+05
STRS	4121
STRS	-8.39E+06-9.052E+06-1.081E+07-4.731E+03-6.030E+05-1.601E+05
STRS	4122
STRS	-8.451E+06-8.956E+06-1.117E+07-1.744E+03-4.694E+05-1.351E+05
STRS	4123
STRS	-8.353E+06-9.051E+06-1.081E+07-7.545E+02-6.066E+05-5.270E+04
STRS	4124
STRS	-8.451E+06-9.051E+06-1.117E+07-1.052E+03-4.908E+05-4.480E+04
STRS	4125
STRS	-8.353E+06-9.016E+06-1.081E+07-7.545E+02-6.066E+05-5.270E+04
STRS	4126
STRS	-8.451E+06-9.016E+06-1.117E+07-1.052E+03-4.908E+05-4.480E+04
STRS	4127
STRS	-8.353E+06-9.052E+06-1.081E+07-4.731E+03-6.030E+05-1.601E+05
STRS	4128
STRS	-8.451E+06-8.956E+06-1.117E+07-1.744E+03-4.694E+05-1.351E+05
STRS	4129
STRS	-8.451E+06-8.956E+06-1.117E+07-1.744E+03-4.694E+05-1.351E+05
STRS	4130
STRS	-8.353E+06-9.052E+06-1.081E+07-4.731E+03-6.030E+05-1.601E+05
STRS	4131
STRS	-8.451E+06-9.016E+06-1.117E+07-1.052E+03-4.908E+05-4.480E+04
STRS	4132
STRS	-8.353E+06-9.051E+06-1.081E+07-7.545E+02-6.066E+05-5.270E+04
STRS	4133
STRS	-8.451E+06-9.016E+06-1.117E+07-1.052E+03-4.908E+05-4.480E+04
STRS	4134
STRS	-8.353E+06-9.051E+06-1.081E+07-7.545E+02-6.066E+05-5.270E+04
STRS	4135
STRS	-8.451E+06-8.956E+06-1.117E+07-1.744E+03-4.694E+05-1.351E+05
STRS	4136
STRS	-8.353E+06-9.052E+06-1.081E+07-4.731E+03-6.030E+05-1.601E+05
STRS	4137
STRS	-8.390E+06-9.045E+06-1.079E+07-2.214E+03-5.988E+05-3.365E+05
STRS	4138
STRS	-8.478E+06-8.984E+06-1.113E+07-7.691E+03-4.537E+05-3.097E+05
STRS	4139
STRS	-8.438E+06-8.872E+06-1.114E+07-2.657E+03-2.016E+05-3.179E+05
STRS	4140
STRS	-8.440E+06-8.857E+06-1.115E+07-3.735E+02-6.999E+04-3.287E+05
STRS	4141
STRS	-8.440E+06-8.872E+06-1.115E+07-3.735E+02-6.999E+04-3.287E+05
STRS	4142
STRS	-8.438E+06-8.872E+06-1.114E+07-2.657E+03-2.016E+05-3.179E+05
STRS	4143
STRS	-8.438E+06-8.984E+06-1.113E+07-7.691E+03-4.537E+05-3.097E+05
STRS	4144
STRS	-8.390E+06-9.045E+06-1.079E+07-2.214E+03-5.988E+05-3.365E+05
STRS	4145
STRS	-8.520E+06-9.032E+06

STRS	-8. 617E+05-8. 881E+06-1. 109E+07-1. 392E+04	2. 268E+05-6. 893E+05
ELEM	4149	
STRS	-8. 609E+06-8. 855E+06-1. 109E+07-4. 844E+03	7. 676E+04-6. 909E+05
ELEM	4149	
STRS	-8. 609E+06-8. 855E+06-1. 109E+07	4. 844E+03-7. 676E+04-6. 909E+05
ELEM	4150	
STRS	-8. 617E+06-8. 881E+06-1. 109E+07	1. 392E+04-2. 268E+05-6. 893E+05
ELEM	4151	
STRS	-8. 645E+06-8. 936E+06-1. 108E+07	1. 763E+04-4. 675E+05-6. 903E+05
ELEM	4152	
STRS	-8. 520E+06-9. 032E+05-1. 072E+07	1. 835E+04-5. 851E+05-7. 004E+05
ELEM	4153	
STRS	-8. 630E+06-8. 785E+05-1. 003E+07-8. 752E+03	5. 751E+05-9. 329E+05
ELEM	4154	
STRS	-8. 787E+06-8. 744E+05-1. 039E+07-1. 767E+04	4. 537E+05-9. 338E+05
ELEM	4155	
STRS	-8. 784E+06-8. 650E+05-1. 042E+07-1. 209E+04	2. 167E+05-9. 403E+05
ELEM	4156	
STRS	-8. 750E+06-8. 636E+05-1. 043E+07-4. 211E+03	7. 371E+04-9. 424E+05
ELEM	4157	
STRS	-8. 630E+06-8. 630E+05-1. 043E+07	4. 211E+03-7. 371E+04-9. 424E+05
ELEM	4158	
STRS	-8. 784E+06-8. 650E+05-1. 042E+07	1. 209E+04-2. 167E+05-9. 403E+05
ELEM	4159	
STRS	-8. 787E+06-8. 744E+06-1. 039E+07	1. 767E+04-4. 537E+05-9. 338E+05
ELEM	4160	
STRS	-8. 630E+06-8. 785E+05-1. 003E+07	8. 752E+03-5. 751E+05-9. 329E+05
ELEM	4177	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	9. 977E+01
ELEM	4178	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	1. 057E+02
ELEM	4179	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	6. 995E+01
ELEM	4180	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07	6. 478E+01
ELEM	4181	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07-6. 478E+01	1. 703E+04
ELEM	4182	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-7. 000E+01	1. 370E+04
ELEM	4183	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-1. 057E+02	8. 458E+03
ELEM	4184	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-9. 977E+01	2. 802E+03
ELEM	4185	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	9. 977E+01-2. 802E+03
ELEM	4186	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	1. 057E+02-8. 458E+03
ELEM	4187	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-6. 999E+01-1. 370E+04	8. 857E+03
ELEM	4188	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07	6. 473E+01-1. 703E+04
ELEM	4189	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07-5. 478E+01-1. 703E+04-2. 971E+03	
ELEM	4190	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-7. 000E+01-1. 370E+04-8. 857E+03	
ELEM	4191	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-1. 057E+02-8. 458E+03-1. 412E+04	
ELEM	4192	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-9. 977E+01-2. 802E+03-1. 737E+04	
ELEM	4193	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	1. 478E+02
ELEM	4194	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	2. 385E+02
ELEM	4195	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07	2. 214E+02
ELEM	4196	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07	8. 681E+01
ELEM	4197	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07-8. 681E+01	2. 313E+04
ELEM	4198	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07-2. 214E+02	1. 923E+04
ELEM	4199	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-2. 385E+02	1. 243E+04
ELEM	4200	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07-1. 478E+02	4. 270E+03
ELEM	4201	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	1. 478E+02-4. 270E+03
ELEM	4202	
STRS	-1. 016E+07-1. 087E+07-1. 030E+07	2. 385E+02-1. 243E+04
ELEM	4203	
STRS	-1. 016E+07-1. 087E+07-1. 031E+07	2. 214E+02-1. 923E+04
ELEM	4204	</

STKS -1. 019E+07-1. 091E+07-1. 033E+07-1. 078E+03-6. 544E+04-1. 510E+04
BLEW 4254
STKS -1. 118E+07-1. 090E+07-1. 032E+07 1. 108E+03-5. 046E+04-1. 639E+04
BLEW 4255
STKS -1. 018E+07-1. 088E+07-1. 031E+07-2. 311E+03-2. 343E+04-1. 860E+04
BLEW 4256
STKS -1. 018E+07-1. 087E+07-1. 030E+07-3. 668E+03-1. 092E+04-5. 171E+04
BLEW 4257
STKS -1. 118E+07-1. 160E+07-1. 176E+07 3. 811E+04-1. 051E+05-2. 397E+05
BLEW 4258
STKS -1. 118E+07-1. 135E+07-1. 104E+07-3. 996E+04-1. 813E+05-2. 575E+05
BLEW 4259
STKS -1. 118E+07-1. 129E+07-1. 104E+07 2. 263E+04-6. 320E+04-2. 622E+05
BLEW 4260
STKS -1. 118E+07-1. 127E+07-1. 102E+07 7. 850E+03-2. 136E+04-2. 638E+05
BLEW 4261
STKS -1. 118E+07-1. 127E+07-1. 102E+07-7. 860E+03 2. 136E+04-2. 638E+05
BLEW 4262
STKS -1. 118E+07-1. 129E+07-1. 104E+07-2. 263E+04 6. 320E+04-2. 622E+05
BLEW 4263
STKS -1. 118E+07-1. 135E+07-1. 104E+07-3. 996E+04 1. 813E+05-2. 575E+05
BLEW 4264
STKS -1. 148E+07-1. 160E+07-1. 175E+07-3. 811E+04 4. 081E+05-2. 397E+05
BLEW 4265
STKS -1. 098E+07-1. 129E+07-1. 104E+07 1. 352E+04-3. 837E+05 1. 406E+05
BLEW 4266
STKS -1. 056E+07-1. 095E+07-1. 023E+07 3. 350E+04-1. 668E+05 1. 315E+05
BLEW 4267
STKS -1. 053E+07-1. 085E+07-1. 020E+07 2. 532E+04-5. 538E+04 1. 283E+05
BLEW 4268
STKS -1. 051E+07-1. 082E+07-1. 018E+07 8. 489E+03-1. 871E+04 1. 276E+05
BLEW 4269
STKS -1. 051E+07-1. 082E+07-1. 018E+07-8. 489E+03 1. 871E+04 1. 276E+05
BLEW 4270
STKS -1. 053E+07-1. 085E+07-1. 020E+07-2. 532E+04 1. 638E+04 1. 283E+05
BLEW 4271
STKS -1. 055E+07-1. 095E+07-1. 023E+07-3. 350E+04 1. 568E+05 1. 315E+05
BLEW 4272
STKS -1. 098E+07-1. 129E+07-1. 104E+07-1. 352E+04 3. 837E+05 1. 406E+05
BLEW 4273
STKS -1. 078E+07-1. 133E+07-1. 118E+07 7. 301E+03-3. 940E+05 1. 096E+05
BLEW 4274
STKS -1. 032E+07-1. 099E+07-1. 035E+07 1. 090E+04-1. 547E+05 1. 057E+05
BLEW 4275
STKS -1. 026E+07-1. 089E+07-1. 032E+07 6. 598E+03-4. 962E+04 1. 034E+05
BLEW 4276
STKS -1. 026E+07-1. 087E+07-1. 030E+07 1. 151E+03-1. 833E+04 1. 076E+05
BLEW 4277
STKS -1. 026E+07-1. 087E+07-1. 030E+07-1. 151E+03 1. 833E+04 1. 076E+05
BLEW 4278
STKS -1. 026E+07-1. 089E+07-1. 032E+07-5. 598E+03 4. 962E+04 1. 034E+05
BLEW 4279
STKS -1. 032E+07-1. 099E+07-1. 035E+07-1. 090E+04 1. 547E+05 1. 057E+05
BLEW 4280
STKS -1. 078E+07-1. 133E+07-1. 118E+07-7. 301E+03 3. 940E+05 1. 096E+05
BLEW 4281
STKS -1. 073E+07-1. 133E+07-1. 119E+07 4. 851E+03-3. 958E+05 5. 611E+04
BLEW 4282
STKS -1. 025E+07-1. 098E+07-1. 035E+07-2. 216E+03 1. 591E+05 3. 941E+04
BLEW 4283
STKS -1. 071E+07-1. 133E+07-1. 120E+07 9. 006E+02-3. 942E+05 1. 960E+04
BLEW 4284
STKS -1. 025E+07-1. 100E+07-1. 036E+07 4. 870E+02-1. 704E+05 1. 385E+04
BLEW 4285
STKS -1. 071E+07-1. 133E+07-1. 120E+07-9. 006E+02 3. 942E+05 1. 960E+04
BLEW 4286
STKS -1. 025E+07-1. 100E+07-1. 036E+07 4. 870E+02 1. 704E+05 1. 385E+04
BLEW 4287
STKS -1. 073E+07-1. 133E+07-1. 119E+07-4. 851E+03-3. 958E+05 5. 611E+04
BLEW 4288
STKS -1. 025E+07-1. 098E+07-1. 035E+07-2. 216E+03 1. 591E+05 3. 941E+04
BLEW 4289
STKS -1. 025E+07-1. 098E+07-1. 035E+07-2. 216E+03 1. 591E+05 3. 941E+04
BLEW 4290
STKS -1. 073E+07-1. 133E+07-1. 119E+07-4. 851E+03 3. 958E+05 5. 611E+04
BLEW 4291
STKS -1. 025E+07-1. 100E+07-1. 036E+07-4. 870E+02 1. 704E+05 1. 385E+04
BLEW 4292
STKS -1. 071E+07-1. 133E+07-1. 120E+07-9. 006E+02 3. 942E+05 1. 960E+04
BLEW 4293
STKS -1. 025E+07-1. 100E+07-1. 036E+07 4. 870E+02 1. 704E+05 1. 385E+04
BLEW 4294
STKS -1. 071E+07-1. 133E+07-1. 120E+07-9. 006E+02 3. 942E+05 1. 960E+04
BLEW 4295
STKS -1. 025E+07-1. 098E+07-1. 035E+07 2. 216E+03 1. 591E+05 3. 941E+04
BLEW 4296
STKS -1. 073E+07-1. 133E+07-1. 119E+07 4. 851E+03 3. 958E+05 5. 611E+04
BLEW 4297
STKS -1. 078E+07-1. 133E+07-1. 118E+07-7. 301E+03-3. 940E+05-1. 096E+05
BLEW 4298

STRS	ELEM	-1.032E+07-1.039E+07-1.035E+07-1.090E+04-1.547E+05-1.057E+05
STRS	ELEM	4299
STRS	ELEM	-1.026E+07-1.089E+07-1.032E+07-5.598E+03-4.962E+04-1.034E+05
STRS	ELEM	4300
STRS	ELEM	-1.026E+07-1.087E+07-1.030E+07-1.151E+03-1.833E+04-1.076E+05
STRS	ELEM	4301
STRS	ELEM	-1.026E+07-1.087E+07-1.030E+07-1.151E+03-1.833E+04-1.076E+05
STRS	ELEM	4302
STRS	ELEM	-1.032E+07-1.069E+07-1.032E+07-5.598E+03-4.962E+04-1.034E+05
STRS	ELEM	4303
STRS	ELEM	-1.032E+07-1.099E+07-1.035E+07-1.090E+04-1.547E+05-1.057E+05
STRS	ELEM	4304
STRS	ELEM	-1.078E+07-1.133E+07-1.118E+07-1.201E+03-1.540E+05-1.096E+05
STRS	ELEM	4305
STRS	ELEM	-1.058E+07-1.129E+07-1.104E+07-1.852E+04-3.837E+05-1.405E+05
STRS	ELEM	4306
STRS	ELEM	-1.056E+07-1.035E+07-1.023E+07-3.350E+04-1.658E+05-1.315E+05
STRS	ELEM	4307
STRS	ELEM	-1.053E+07-1.085E+07-1.020E+07-2.532E+04-5.538E+04-1.283E+05
STRS	ELEM	4308
STRS	ELEM	-1.051E+07-1.082E+07-1.018E+07-8.489E+03-1.871E+04-1.276E+05
STRS	ELEM	4309
STRS	ELEM	-1.051E+07-1.082E+07-1.018E+07-8.489E+03-1.871E+04-1.276E+05
STRS	ELEM	4310
STRS	ELEM	-1.053E+07-1.086E+07-1.020E+07-2.532E+04-5.538E+04-1.283E+05
STRS	ELEM	4311
STRS	ELEM	-1.056E+07-1.095E+07-1.023E+07-3.350E+04-1.658E+05-1.315E+05
STRS	ELEM	4312
STRS	ELEM	-1.058E+07-1.129E+07-1.104E+07-1.852E+04-3.837E+05-1.405E+05
STRS	ELEM	4313
STRS	ELEM	-1.148E+07-1.160E+07-1.175E+07-3.811E+04-4.081E+05-2.397E+05
STRS	ELEM	4314
STRS	ELEM	-1.118E+07-1.135E+07-1.104E+07-3.995E+04-1.813E+05-2.575E+05
STRS	ELEM	4315
STRS	ELEM	-1.118E+07-1.125E+07-1.104E+07-2.850E+04-6.320E+04-6.222E+05
STRS	ELEM	4316
STRS	ELEM	-1.118E+07-1.127E+07-1.102E+07-7.860E+03-2.136E+04-2.638E+05
STRS	ELEM	4317
STRS	ELEM	-1.118E+07-1.127E+07-1.102E+07-7.860E+03-2.136E+04-2.638E+05
STRS	ELEM	4318
STRS	ELEM	-1.118E+07-1.125E+07-1.104E+07-2.263E+04-6.320E+04-6.222E+05
STRS	ELEM	4319
STRS	ELEM	-1.118E+07-1.135E+07-1.104E+07-3.996E+04-1.813E+05-2.575E+05
STRS	ELEM	4320
STRS	ELEM	-1.148E+07-1.160E+07-1.175E+07-3.811E+04-4.061E+05-2.397E+05
STRS	ELEM	4321
STRS	ELEM	-1.085E+07-1.101E+07-1.039E+07-4.837E+03-5.833E+03-9.397E+02
STRS	ELEM	4322
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-8.808E+01-1.739E+04-1.825E+03
STRS	ELEM	4323
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-5.991E+03-2.762E+04-2.200E+03
STRS	ELEM	4324
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-3.281E+01-3.385E+04-1.017E+03
STRS	ELEM	4325
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-3.281E+01-3.385E+04-1.017E+03
STRS	ELEM	4326
STRS	ELEM	-1.056E+07-1.101E+07-1.039E+07-5.994E+03-2.762E+04-2.200E+03
STRS	ELEM	4327
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-8.808E+01-1.739E+04-1.825E+03
STRS	ELEM	4328
STRS	ELEM	-1.063E+07-1.101E+07-1.039E+07-4.837E+03-5.833E+03-9.397E+02
STRS	ELEM	4329
STRS	ELEM	-1.045E+07-1.101E+07-1.039E+07-4.837E+03-5.833E+03-9.397E+02
STRS	ELEM	4330
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-8.808E+01-1.739E+04-1.825E+03
STRS	ELEM	4331
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-5.991E+03-2.762E+04-2.200E+03
STRS	ELEM	4332
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-4.837E+03-5.833E+03-9.397E+02
STRS	ELEM	4333
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-1.910E+01-8.454E+03-1.941E+03
STRS	ELEM	4334
STRS	ELEM	-1.068E+07-1.101E+07-1.039E+07-8.224E+01-2.445E+04-1.982E+03
STRS	ELEM	4335
STRS	ELEM	-1.058E+07-1.101E+07-1.039E+07-4.326E+01-3.740E+04-1.582E+03
STRS	ELEM	4336
STRS	ELEM	-1.068E+07-1

STRS -1.087E+07-1.086E+07-1.060E+07 2.309E+03 7.506E+03 9.419E+04
ELEM 4495
STRS -1.079E+07-1.081E+07-1.073E+07 1.026E+04-1.047E+03 1.214E+05
ELEM 4496
STRS -1.086E+07-1.085E+07-1.101E+07-1.111E+04-7.509E+03 8.774E+04
ELEM 4497
STRS -1.086E+07-1.094E+07-1.057E+07-1.705E+03 2.762E+04-8.653E+04
ELEM 4498
STRS -1.058E+07-1.092E+07-1.063E+07-2.132E+03 9.809E+04-8.115E+04
ELEM 4499
STRS -1.083E+07-1.079E+07-1.063E+07-5.737E+03 3.456E+04-8.306E+04
ELEM 4500
STRS -1.079E+07-1.077E+07-1.057E+07-7.021E+03 4.304E+04-6.680E+02
ELEM 4501
STRS -1.078E+07-1.075E+07-1.059E+07-2.795E+03 3.734E+04-3.264E+03
ELEM 4502
STRS -1.079E+07-1.090E+07-1.074E+07-2.559E+03 2.302E+04-1.203E+05
ELEM 4503
STRS -1.081E+07-1.089E+07-1.081E+07-7.986E+03 8.551E+04-1.192E+05
ELEM 4504
STRS -1.077E+07-1.075E+07-1.079E+07-1.117E+04 2.117E+04-1.187E+05
ELEM 4505
STRS -1.083E+07-1.092E+07-1.101E+07-2.764E+03 2.045E+04-7.564E+04
ELEM 4506
STRS -1.085E+07-1.090E+07-1.108E+07-7.284E+03 7.853E+04-7.250E+04
ELEM 4507
STRS -1.082E+07-1.076E+07-1.105E+07-7.423E+03-9.928E+03-6.516E+04
ELEM 4508
STRS -1.082E+07-1.083E+07-1.054E+07-9.334E+02 9.479E+03-7.565E+03
ELEM 4509
STRS -1.083E+07-1.083E+07-1.053E+07 2.765E+02 7.829E+03-1.396E+04
ELEM 4510
STRS -1.087E+07-1.085E+07-1.050E+07-2.309E+03 7.806E+03-9.419E+04
ELEM 4511
STRS -1.079E+07-1.081E+07-1.073E+07-1.025E+04-1.047E+03-1.214E+05
ELEM 4512
STRS -1.086E+07-1.085E+07-1.101E+07 1.111E+04-7.509E+03-8.774E+04
ELEM 4513
STRS -1.086E+07-1.094E+07-1.057E+07 1.705E+03-2.762E+04-8.653E+04
ELEM 4514
STRS -1.088E+07-1.092E+07-1.063E+07 2.132E+03-9.809E+04-8.115E+04
ELEM 4515
STRS -1.083E+07-1.079E+07-1.053E+07 5.737E+03-3.456E+04-8.306E+04
ELEM 4516
STRS -1.079E+07-1.077E+07-1.057E+07 7.021E+03-4.304E+04-6.680E+02
ELEM 4517
STRS -1.078E+07-1.075E+07-1.059E+07 2.795E+03-3.734E+04-3.264E+03
ELEM 4518
STRS -1.079E+07-1.090E+07-1.074E+07 2.559E+03-2.302E+04-1.203E+05
ELEM 4519
STRS -1.081E+07-1.089E+07-1.081E+07 7.986E+03-8.551E+04-1.192E+05
ELEM 4520
STRS -1.077E+07-1.075E+07-1.079E+07 1.117E+04-2.117E+04-1.187E+05
ELEM 4521
STRS -1.083E+07-1.092E+07-1.101E+07 2.764E+03-2.045E+04-7.564E+04
ELEM 4522
STRS -1.085E+07-1.090E+07-1.108E+07 7.284E+03-7.853E+04-7.250E+04
ELEM 4523
STRS -1.080E+07-1.076E+07-1.105E+07 7.423E+03 2.928E+03-6.516E+04
ELEM 4524
STRS -1.082E+07-1.083E+07-1.054E+07 9.334E+02-9.479E+03-7.565E+03
ELEM 4525
STRS -1.083E+07-1.083E+07-1.053E+07-2.758E+02-7.829E+03-1.396E+04
ELEM 4526
STRS -1.087E+07-1.085E+07-1.060E+07 2.309E+03-7.506E+03-9.419E+04
ELEM 4527
STRS -1.079E+07-1.081E+07-1.073E+07 1.026E+04-1.047E+03-1.214E+05
ELEM 4528
STRS -1.086E+07-1.085E+07-1.101E+07-1.111E+04-7.509E+03-8.774E+04
ELEM 4529
STRS -1.086E+07-1.094E+07-1.057E+07-1.705E+03-2.762E+04-8.653E+04
ELEM 4530
STRS -1.088E+07-1.092E+07-1.063E+07-2.132E+03-9.809E+04-8.116E+04
ELEM 4531
STRS -1.083E+07-1.079E+07-1.063E+07-5.737E+03-3.456E+04-8.306E+04
ELEM 4532
STRS -1.079E+07-1.077E+07-1.057E+07-7.021E+03-4.304E+04-6.680E+02
ELEM 4533
STRS -1.078E+07-1.075E+07-1.059E+07-2.795E+03-3.734E+04-3.264E+03
ELEM 4534
STRS -1.079E+07-1.090E+07-1.074E+07-2.559E+03-2.302E+04-1.203E+05
ELEM 4535
STRS -1.081E+07-1.089E+07-1.081E+07-7.986E+03-8.551E+04-1.192E+05
ELEM 4536
STRS -1.077E+07-1.075E+07-1.079E+07-1.117E+04-2.117E+04-1.187E+05
ELEM 4537
STRS -1.083E+07-1.092E+07-1.101E+07-2.764E+03-2.045E+04-7.564E+04
ELEM 4538
STRS -1.085E+07-1.090E+07-1.108E+07-7.284E+03-7.853E+04-7.250E+04
ELEM 4539

STRS -1.080E+07-1.076E+07-1.105E+07-7.423E+03 2.928E+03 6.516E+04
ELEM 4540
STRS -1.082E+07-1.083E+07-1.054E+07-9.334E+02-9.479E+03 7.565E+03
ELEM 4541
STRS -1.083E+07-1.083E+07-1.053E+07 2.758E+02-7.829E+03 1.396E+04
ELEM 4542
STRS -1.087E+07-1.085E+07-1.050E+07-2.309E+03-7.506E+03 9.419E+04
ELEM 4543
STRS -1.079E+07-1.081E+07-1.073E+07-1.026E+04 1.047E+03 1.214E+05
ELEM 4544
STRS -1.085E+07-1.086E+07-1.101E+07 1.111E+04 7.509E+03 8.774E+04
ELEM 4545
STRS -1.083E+07-1.088E+07-1.062E+07 1.657E+03 2.944E+04-6.915E+04
ELEM 4546
STRS -1.082E+07-1.082E+07-1.062E+07 3.037E+03 2.879E+04-6.528E+04
ELEM 4547
STRS -1.083E+07-1.082E+07-1.064E+07 4.418E+03 2.919E+04 7.117E+04
ELEM 4548
STRS -1.085E+07-1.083E+07-1.060E+07 2.500E+03 3.989E+04-3.932E+04
ELEM 4549
STRS -1.083E+07-1.082E+07-1.058E+07 4.873E+02 3.638E+04 2.702E+03
ELEM 4550
STRS -1.084E+07-1.088E+07-1.080E+07 1.774E+03 2.655E+04 1.208E+05
ELEM 4551
STRS -1.082E+07-1.082E+07-1.080E+07 4.279E+03 2.042E+04 1.217E+05
ELEM 4552
STRS -1.083E+07-1.083E+07-1.081E+07 8.756E+03 2.018E+04 1.214E+05
ELEM 4553
STRS -1.083E+07-1.086E+07-1.102E+07 1.594E+03 2.493E+04 6.495E+04
ELEM 4554
STRS -1.077E+07-1.079E+07-1.102E+07 4.301E+03 1.060E+04-6.231E+04
ELEM 4555
STRS -1.079E+07-1.081E+07-1.103E+07 1.074E+03 4.101E+03 6.215E+04
ELEM 4556
STRS -1.081E+07-1.076E+07-1.053E+07 7.895E+02 3.755E+03 6.075E+03
ELEM 4557
STRS -1.084E+07-1.077E+07-1.065E+07 7.725E+02 1.129E+03 5.356E+04
ELEM 4558
STRS -1.080E+07-1.076E+07-1.058E+07 3.306E+03-4.825E+02 7.376E+04
ELEM 4559
STRS -1.082E+07-1.077E+07-1.074E+07 3.711E+03-4.161E+03 1.316E+05
ELEM 4560
STRS -1.076E+07-1.075E+07-1.097E+07-3.872E+03-1.442E+04 7.938E+04
ELEM 4561
STRS -1.083E+07-1.088E+07-1.062E+07-7.725E+02 2.944E+04-6.915E+04
ELEM 4562
STRS -1.082E+07-1.082E+07-1.062E+07-3.037E+03 2.879E+04-6.528E+04
ELEM 4563
STRS -1.083E+07-1.082E+07-1.064E+07-4.418E+03 2.919E+04-7.117E+04
ELEM 4564
STRS -1.086E+07-1.083E+07-1.060E+07-2.500E+03 3.989E+04-3.932E+04
ELEM 4565
STRS -1.083E+07-1.082E+07-1.058E+07-4.873E+02 3.638E+04-2.702E+03
ELEM 4566
STRS -1.084E+07-1.085E+07-1.080E+07-1.774E+03 2.655E+04-1.208E+05
ELEM 4567
STRS -1.082E+07-1.082E+07-1.080E+07-4.279E+03 2.042E+04-1.217E+05
ELEM 4568
STRS -1.083E+07-1.083E+07-1.081E+07-8.756E+03 2.018E+04-1.214E+05
ELEM 4569
STRS -1.079E+07-1.086E+07-1.102E+07-1.594E+03 2.493E+04-6.495E+04
ELEM 4570
STRS -1.077E+07-1.079E+07-1.102E+07-4.301E+03 1.060E+04-6.231E+04
ELEM 4571
STRS -1.079E+07-1.081E+07-1.103E+07-1.074E+03 4.101E+03-6.215E+04
ELEM 4572
STRS -1.081E+07-1.076E+07-1.053E+07-7.895E+02 3.755E+03-6.075E+03
ELEM 4573
STRS -1.084E+07-1.077E+07-1.065E+07 7.725E+02 1.129E+03-5.356E+04
ELEM 4574
STRS -1.080E+07-1.076E+07-1.058E+07-3.306E+03-4.825E+02-7.376E+04
ELEM 4575
STRS -1.082E+07-1.077E+07-1.074E+07-3.711E+03-4.161E+03-1.316E+05
ELEM 4576
STRS -1.076E+07-1.075E+07-1.097E+07 3.872E+03-1.442E+04-7.938E+04
ELEM 4577
STRS -1.083E+07-1.088E+07-1.062E+07 1.657E+03-2.944E+04-6.915E+04
ELEM 4578
STRS -1.082E+07-1.082E+07-1.064E+07 4.418E+03-2.919E+04-7.117E+04
ELEM 4579
STRS -1.083E+07-1.082E+07-1.062E+07 3.037E+03-2.879E+04-6.528E+04
ELEM 4580
STRS -1.085E+07-1.083E+07-1.060E+07 2.500E+03-3.989E+04-3.932E+04
ELEM 4581
STRS -1.083E+07-1.082E+07-1.058E+07 4.873E+02-3.638E+04-2.702E+03
ELEM 4582
STRS -1.084E+07-1.083E+07-1.080E+07 1.774E+03-2.655E+04-1.208E+05
ELEM 4583
STRS -1.082E+07-1.082E+07-1.080E+07 4.279E+03-2.042E+04-1.217E+05
ELEM 4584

STRS -1.083E+07-1.083E+07-1.081E+07 8.756E+03-2.018E+04-1.214E+05
ELEM 4585
STRS -1.079E+07-1.086E+07-1.102E+07 1.594E+03-2.493E+04-6.495E+04
ELEM 4586
STRS -1.077E+07-1.079E+07-1.102E+07 4.301E+03-1.060E+04-6.231E+04
ELEM 4587
STRS -1.079E+07-1.081E+07-1.103E+07 1.074E+03-4.101E+03-6.215E+04
ELEM 4588
STRS -1.081E+07-1.076E+07-1.053E+07 7.895E+02-3.755E+03-6.075E+03
ELEM 4589
STRS -1.084E+07-1.077E+07-1.055E+07 7.725E+02-1.129E+03-5.356E+04
ELEM 4590
STRS -1.080E+07-1.076E+07-1.058E+07 3.306E+03 4.825E+02-7.376E+04
ELEM 4591
STRS -1.082E+07-1.077E+07-1.074E+07 3.711E+03 4.161E+03-1.316E+05
ELEM 4592
STRS -1.076E+07-1.075E+07-1.097E+07-3.872E+03 1.442E+04-7.938E+04
ELEM 4593
STRS -1.083E+07-1.088E+07-1.062E+07-1.657E+03-2.944E+04 6.915E+04
ELEM 4594
STRS -1.082E+07-1.082E+07-1.062E+07-3.037E+03-2.879E+04 6.528E+04
ELEM 4595
STRS -1.083E+07-1.082E+07-1.064E+07-4.418E+03-2.919E+04 7.117E+04
ELEM 4596
STRS -1.086E+07-1.083E+07-1.060E+07-2.500E+03-3.989E+04 3.932E+04
ELEM 4597
STRS -1.083E+07-1.082E+07-1.086E+07-4.872E+02-3.638E+04 2.702E+03
ELEM 4598
STRS -1.084E+07-1.088E+07-1.080E+07-1.774E+03-2.655E+04 1.208E+05
ELEM 4599
STRS -1.082E+07-1.082E+07-1.080E+07-4.279E+03-2.042E+04 1.217E+05
ELEM 4600
STRS -1.083E+07-1.083E+07-1.081E+07-8.756E+03-2.018E+04-1.214E+05
ELEM 4601
STRS -1.079E+07-1.086E+07-1.102E+07-1.594E+03-2.493E+04 6.495E+04
ELEM 4602
STRS -1.077E+07-1.079E+07-1.102E+07-4.301E+03-1.060E+04-6.231E+04
ELEM 4603
STRS -1.079E+07-1.081E+07-1.103E+07-1.074E+03-4.101E+03 6.215E+04
ELEM 4604
STRS -1.081E+07-1.076E+07-1.053E+07-7.895E+02-3.755E+03 6.075E+03
ELEM 4605
STRS -1.084E+07-1.077E+07-1.065E+07 7.725E+02-1.129E+03 5.356E+04
ELEM 4606
STRS -1.080E+07-1.076E+07-1.058E+07-3.306E+03-4.825E+02 7.376E+04
ELEM 4607
STRS -1.082E+07-1.077E+07-1.074E+07-3.711E+03 4.161E+03 1.316E+05
ELEM 4608
STRS -1.076E+07-1.075E+07-1.097E+07 3.872E+03 1.442E+04 7.938E+04
ELEM 4609
STRS -1.084E+07-1.085E+07-1.064E+07 8.508E+02 1.042E+04 7.236E+04
ELEM 4610
STRS -1.085E+07-1.084E+07-1.065E+07 2.444E+03 2.864E+04 6.952E+04
ELEM 4611
STRS -1.084E+07-1.081E+07-1.064E+07 3.788E+03 1.913E+04 7.260E+04
ELEM 4612
STRS -1.083E+07-1.080E+07-1.059E+07 2.865E+03 2.723E+04 3.119E+04
ELEM 4613
STRS -1.084E+07-1.080E+07-1.059E+07 1.353E+03 2.521E+04 1.318E+04
ELEM 4614
STRS -1.082E+07-1.084E+07-1.079E+07 1.265E+03 8.203E+03 1.150E+05
ELEM 4615
STRS -1.082E+07-1.084E+07-1.081E+07 3.690E+03 2.064E+04 1.158E+05
ELEM 4616
STRS -1.081E+07-1.080E+07-1.079E+07 6.655E+03 1.093E+04 1.166E+05
ELEM 4617
STRS -1.076E+07-1.083E+07-1.101E+07 1.180E+02 4.809E+03 6.194E+04
ELEM 4618
STRS -1.080E+07-1.082E+07-1.102E+07 2.301E+03 1.315E+04 6.031E+04
ELEM 4619
STRS -1.079E+07-1.079E+07-1.101E+07 2.987E+02-4.378E+03 6.158E+04
ELEM 4620
STRS -1.084E+07-1.079E+07-1.055E+07 3.441E+02 4.135E+03 1.744E+04
ELEM 4621
STRS -1.083E+07-1.078E+07-1.056E+07 1.189E+03 1.985E+03 3.995E+04
ELEM 4622
STRS -1.084E+07-1.079E+07-1.060E+07 2.438E+03 1.421E+02 7.885E+04
ELEM 4623
STRS -1.081E+07-1.078E+07-1.074E+07 2.850E+03-3.325E+03 1.276E+05
ELEM 4624
STRS -1.079E+07-1.078E+07-1.097E+07-3.239E+03-1.270E+04 7.811E+04
ELEM 4625
STRS -1.084E+07-1.085E+07-1.064E+07-8.508E+02 1.042E+04-7.236E+04
ELEM 4626
STRS -1.085E+07-1.084E+07-1.065E+07-2.444E+03 2.864E+04-6.962E+04
ELEM 4627
STRS -1.084E+07-1.081E+07-1.054E+07-3.788E+03 1.913E+04-7.260E+04
ELEM 4628
STRS -1.083E+07-1.080E+07-1.059E+07-2.865E+03 2.723E+04-3.119E+04
ELEM 4629

STKS -1.084E+07-1.080E+07-1.059E+07-1.353E+03 2.521E+04-1.318E+04
ELEM 4630
STKS -1.082E+07-1.084E+07-1.079E+07-1.269E+03 8.203E+03-1.150E+05
ELEM 4631
STKS -1.082E+07-1.084E+07-1.081E+07-3.690E+03 2.064E+04-1.158E+05
ELEM 4632
STKS -1.081E+07-1.080E+07-1.079E+07-6.655E+03 1.093E+04-1.166E+05
ELEM 4633
STKS -1.079E+07-1.083E+07-1.101E+07-1.180E+03 4.809E+03-6.194E+04
ELEM 4634
STKS -1.080E+07-1.082E+07-1.102E+07-2.301E+03 1.315E+04-6.031E+04
ELEM 4635
STKS -1.079E+07-1.079E+07-1.101E+07-2.987E+02-4.378E+03-6.158E+04
ELEM 4636
STKS -1.084E+07-1.079E+07-1.055E+07-3.441E+02 4.136E+03-1.744E+04
ELEM 4637
STKS -1.083E+07-1.078E+07-1.055E+07-1.189E+03 1.985E+03-3.996E+04
ELEM 4638
STKS -1.084E+07-1.079E+07-1.060E+07-2.439E+03 1.421E+02-7.885E+04
ELEM 4639
STKS -1.081E+07-1.078E+07-1.074E+07-2.850E+03-3.325E+03-1.276E+05
ELEM 4640
STKS -1.079E+07-1.078E+07-1.037E+07 3.239E+03-1.270E+04-7.811E+04
ELEM 4641
STKS -1.084E+07-1.085E+07-1.064E+07 8.508E+02-1.042E+04-7.236E+04
ELEM 4642
STKS -1.085E+07-1.084E+07-1.066E+07 2.444E+03-2.854E+04-5.962E+04
ELEM 4643
STKS -1.084E+07-1.081E+07-1.064E+07 3.788E+03-1.913E+04-7.260E+04
ELEM 4644
STKS -1.083E+07-1.080E+07-1.059E+07 2.866E+03-2.723E+04-3.119E+04
ELEM 4645
STKS -1.084E+07-1.080E+07-1.059E+07 1.353E+03-2.521E+04-1.318E+04
ELEM 4646
STKS -1.082E+07-1.084E+07-1.079E+07 1.266E+03-8.203E+03-1.150E+05
ELEM 4647
STKS -1.082E+07-1.084E+07-1.081E+07 3.690E+03-2.064E+04-1.158E+05
ELEM 4648
STKS -1.081E+07-1.080E+07-1.079E+07 6.656E+03-1.093E+04-1.166E+05
ELEM 4649
STKS -1.079E+07-1.083E+07-1.101E+07 1.180E+03-4.809E+03-6.194E+04
ELEM 4650
STKS -1.080E+07-1.082E+07-1.102E+07 2.301E+03-1.315E+04-6.031E+04
ELEM 4651
STKS -1.079E+07-1.079E+07-1.101E+07 2.987E+02 4.378E+03-6.158E+04
ELEM 4652
STKS -1.084E+07-1.079E+07-1.055E+07 3.441E+02-4.135E+03-1.744E+04
ELEM 4653
STKS -1.083E+07-1.078E+07-1.055E+07 1.189E+03-1.985E+03-3.996E+04
ELEM 4654
STKS -1.084E+07-1.079E+07-1.060E+07 2.439E+03-1.421E+02-7.885E+04
ELEM 4655
STKS -1.081E+07-1.078E+07-1.074E+07 2.850E+03 3.325E+03-1.276E+05
ELEM 4656
STKS -1.079E+07-1.078E+07-1.037E+07 3.239E+03 1.270E+04-7.811E+04
ELEM 4657
STKS -1.084E+07-1.085E+07-1.064E+07-8.508E+02-1.042E+04-7.236E+04
ELEM 4658
STKS -1.085E+07-1.084E+07-1.066E+07-2.444E+03-2.854E+04-5.962E+04
ELEM 4659
STKS -1.084E+07-1.081E+07-1.064E+07-3.788E+03-1.913E+04-7.260E+04
ELEM 4660
STKS -1.083E+07-1.080E+07-1.059E+07-2.866E+03-2.723E+04-3.119E+04
ELEM 4661
STKS -1.084E+07-1.080E+07-1.059E+07-1.353E+03-2.521E+04-1.318E+04
ELEM 4662
STKS -1.082E+07-1.084E+07-1.079E+07-1.266E+03-8.203E+03-1.150E+05
ELEM 4663
STKS -1.082E+07-1.084E+07-1.081E+07-3.690E+03-2.064E+04-1.158E+05
ELEM 4664
STKS -1.081E+07-1.080E+07-1.079E+07-6.655E+03-1.093E+04-1.166E+05
ELEM 4665
STKS -1.079E+07-1.083E+07-1.101E+07-1.180E+03-4.809E+03-6.194E+04
ELEM 4666
STKS -1.080E+07-1.082E+07-1.102E+07-2.301E+03-1.315E+04-6.031E+04
ELEM 4667
STKS -1.079E+07-1.079E+07-1.101E+07-2.987E+02 4.378E+03-6.158E+04
ELEM 4668
STKS -1.084E+07-1.079E+07-1.055E+07-3.441E+02-4.135E+03-1.744E+04
ELEM 4669
STKS -1.083E+07-1.078E+07-1.055E+07-1.189E+03-1.985E+03-3.996E+04
ELEM 4670
STKS -1.084E+07-1.079E+07-1.060E+07-2.439E+03-1.421E+02-7.885E+04
ELEM 4671
STKS -1.081E+07-1.078E+07-1.074E+07-2.850E+03 3.325E+03-1.276E+05
ELEM 4672
STKS -1.079E+07-1.078E+07-1.037E+07 3.239E+03 1.270E+04-7.811E+04
ELEM 4673
STKS -1.084E+07-1.083E+07-1.067E+07 8.439E+02 6.175E+03 6.985E+04
ELEM 4674

STKS -1.084E+07-1.082E+07-1.066E+07 1.765E+03 1.307E+04 6.739E+04
ELEM 4675
STKS -1.084E+07-1.080E+07-1.066E+07 2.635E+03 7.222E+03 7.064E+04
ELEM 4676
STKS -1.085E+07-1.080E+07-1.061E+07 2.243E+03 1.471E+04 3.168E+04
ELEM 4677
STKS -1.085E+07-1.080E+07-1.050E+07 7.438E+02 1.326E+04 1.064E+04
ELEM 4678
STKS -1.082E+07-1.082E+07-1.080E+07 7.072E+02 3.633E+03 1.046E+05
ELEM 4679
STKS -1.082E+07-1.081E+07-1.080E+07 1.993E+03 5.479E+03 1.056E+05
ELEM 4680
STKS -1.082E+07-1.080E+07-1.079E+07 3.943E+03 2.299E+03 1.083E+05
ELEM 4681
STKS -1.079E+07-1.081E+07-1.095E+07 4.319E+02 1.529E+03 5.646E+04
ELEM 4682
STKS -1.079E+07-1.080E+07-1.095E+07 7.067E+02-6.672E+02 5.619E+04
ELEM 4683
STKS -1.079E+07-1.079E+07-1.098E+07-7.399E+02-1.082E+04 5.917E+04
ELEM 4684
STKS -1.085E+07-1.078E+07-1.056E+07 4.332E+02 8.439E+02 1.367E+04
ELEM 4685
STKS -1.084E+07-1.078E+07-1.057E+07 9.101E+02-9.539E+02 4.074E+04
ELEM 4686
STKS -1.084E+07-1.078E+07-1.062E+07 1.475E+03-2.417E+03 7.778E+04
ELEM 4687
STKS -1.082E+07-1.078E+07-1.075E+07 1.564E+03-4.157E+03 1.205E+05
ELEM 4688
STKS -1.079E+07-1.078E+07-1.094E+07-2.423E+03-1.181E+04 7.390E+04
ELEM 4689
STKS -1.084E+07-1.083E+07-1.067E+07-8.439E+02 6.175E+03-6.985E+04
ELEM 4690
STKS -1.084E+07-1.082E+07-1.066E+07-1.765E+03 1.307E+04-6.739E+04
ELEM 4691
STKS -1.084E+07-1.080E+07-1.066E+07-2.635E+03 7.222E+03-7.064E+04
ELEM 4692
STKS -1.085E+07-1.080E+07-1.061E+07-2.243E+03 1.471E+04-3.168E+04
ELEM 4693
STKS -1.085E+07-1.080E+07-1.060E+07-7.438E+02 1.326E+04-1.064E+04
ELEM 4694
STKS -1.082E+07-1.082E+07-1.080E+07-7.072E+02 3.633E+03-1.046E+05
ELEM 4695
STKS -1.082E+07-1.081E+07-1.080E+07-1.993E+03 5.479E+03-1.056E+05
ELEM 4696
STKS -1.082E+07-1.080E+07-1.079E+07-3.943E+03 2.299E+03-1.083E+05
ELEM 4697
STKS -1.079E+07-1.081E+07-1.095E+07-4.319E+02 1.529E+03-5.646E+04
ELEM 4698
STKS -1.079E+07-1.080E+07-1.095E+07-7.067E+02-6.672E+02-5.619E+04
ELEM 4699
STKS -1.079E+07-1.079E+07-1.098E+07 7.399E+02-1.082E+04-5.917E+04
ELEM 4700
STKS -1.085E+07-1.078E+07-1.056E+07-4.332E+02 8.439E+02-1.367E+04
ELEM 4701
STKS -1.084E+07-1.078E+07-1.057E+07-9.101E+02-9.539E+02-4.074E+04
ELEM 4702
STKS -1.084E+07-1.078E+07-1.062E+07-1.475E+03-2.417E+03-7.778E+04
ELEM 4703
STKS -1.082E+07-1.078E+07-1.075E+07-1.564E+03-4.157E+03-1.205E+05
ELEM 4704
STKS -1.079E+07-1.078E+07-1.094E+07 2.423E+03-1.181E+04-7.390E+04
ELEM 4705
STKS -1.084E+07-1.083E+07-1.067E+07 8.439E+02-6.175E+03-6.985E+04
ELEM 4706
STKS -1.084E+07-1.082E+07-1.066E+07 1.765E+03-1.307E+04-6.739E+04
ELEM 4707
STKS -1.084E+07-1.080E+07-1.066E+07 2.635E+03-7.222E+03-7.064E+04
ELEM 4708
STKS -1.085E+07-1.080E+07-1.061E+07 2.243E+03-1.471E+04-3.168E+04
ELEM 4709
STKS -1.085E+07-1.080E+07-1.060E+07 7.438E+02-1.326E+04-1.064E+04
ELEM 4710
STKS -1.082E+07-1.082E+07-1.080E+07 7.072E+02-3.633E+03-1.046E+05
ELEM 4711
STKS -1.082E+07-1.081E+07-1.080E+07 1.993E+03-5.479E+03-1.056E+05
ELEM 4712
STKS -1.082E+07-1.080E+07-1.079E+07 3.943E+03-2.299E+03-1.083E+05
ELEM 4713
STKS -1.079E+07-1.081E+07-1.095E+07 4.319E+02-1.529E+03-5.646E+04
ELEM 4714
STKS -1.079E+07-1.080E+07-1.095E+07 7.067E+02-6.672E+02-5.619E+04
ELEM 4715
STKS -1.079E+07-1.079E+07-1.098E+07-7.399E+02 1.082E+04-5.917E+04
ELEM 4716
STKS -1.085E+07-1.078E+07-1.056E+07 4.332E+02-8.439E+02-1.367E+04
ELEM 4717
STKS -1.084E+07-1.078E+07-1.057E+07 9.101E+02 9.539E+02-4.074E+04
ELEM 4718
STKS -1.084E+07-1.078E+07-1.062E+07 1.475E+03 2.417E+03-7.778E+04
ELEM 4719

STKS -1.082E+07-1.078E+07-1.075E+07 1.564E+03 4.167E+03-1.205E+05
ELEM 4720
STKS -1.079E+07-1.078E+07-1.094E+07-2.423E+03 1.181E+04-7.390E+04
ELEM 4721
STKS -1.084E+07-1.083E+07-1.067E+07-8.439E+02-6.175E+03 6.985E+04
ELEM 4722
STKS -1.084E+07-1.082E+07-1.066E+07-1.765E+03-1.307E+04 6.739E+04
ELEM 4723
STKS -1.084E+07-1.080E+07-1.066E+07-2.635E+03-7.222E+03 7.064E+04
ELEM 4724
STKS -1.085E+07-1.080E+07-1.061E+07-2.243E+03-1.471E+04 3.168E+04
ELEM 4725
STKS -1.085E+07-1.080E+07-1.060E+07-7.438E+02-1.326E+04 1.064E+04
ELEM 4726
STKS -1.082E+07-1.082E+07-1.080E+07-7.072E+02-3.633E+03 1.046E+05
ELEM 4727
STKS -1.082E+07-1.081E+07-1.080E+07-1.993E+03-5.479E+03 1.056E+05
ELEM 4728
STKS -1.082E+07-1.080E+07-1.079E+07-3.943E+03-2.299E+03 1.083E+05
ELEM 4729
STKS -1.079E+07-1.081E+07-1.095E+07-4.319E+02-1.529E+03 5.646E+04
ELEM 4730
STKS -1.079E+07-1.080E+07-1.095E+07-7.067E+02-6.672E+02-5.619E+04
ELEM 4731
STKS -1.079E+07-1.079E+07-1.098E+07 7.399E+02 1.082E+04 5.917E+04
ELEM 4732
STKS -1.085E+07-1.078E+07-1.056E+07-4.332E+02-8.439E+02 1.367E+04
ELEM 4733
STKS -1.084E+07-1.078E+07-1.057E+07-9.101E+02 9.539E+02 4.074E+04
ELEM 4734
STKS -1.084E+07-1.078E+07-1.062E+07-1.475E+03 2.417E+03 7.778E+04
ELEM 4735
STKS -1.082E+07-1.078E+07-1.075E+07-1.564E+03 4.157E+03-1.205E+05
ELEM 4736
STKS -1.079E+07-1.078E+07-1.094E+07 2.423E+03 1.181E+04 7.390E+04
ELEM 4737
STKS -1.084E+07-1.080E+07-1.059E+07 5.447E+02 1.219E+03 5.935E+04
ELEM 4738
STKS -1.085E+07-1.080E+07-1.059E+07 1.095E+03 2.789E+03 6.185E+04
ELEM 4739
STKS -1.084E+07-1.079E+07-1.067E+07 1.140E+03-2.672E+03 6.499E+04
ELEM 4740
STKS -1.085E+07-1.079E+07-1.053E+07 1.364E+03 3.233E+02 2.950E+04
ELEM 4741
STKS -1.085E+07-1.079E+07-1.063E+07 4.457E+02 2.152E+03 1.028E+04
ELEM 4742
STKS -1.082E+07-1.080E+07-1.081E+07 1.248E+02-9.324E+02 9.117E+04
ELEM 4743
STKS -1.082E+07-1.079E+07-1.083E+07 1.445E+02-3.280E+02 9.260E+04
ELEM 4744
STKS -1.082E+07-1.079E+07-1.079E+07 1.166E+03-4.950E+02 9.666E+04
ELEM 4745
STKS -1.079E+07-1.078E+07-1.095E+07-1.436E+02-2.594E+03 4.892E+04
ELEM 4746
STKS -1.079E+07-1.078E+07-1.095E+07-4.912E+02-8.076E+03 4.940E+04
ELEM 4747
STKS -1.079E+07-1.078E+07-1.094E+07-1.511E+03-1.527E+04 5.303E+04
ELEM 4748
STKS -1.086E+07-1.078E+07-1.059E+07 2.185E+02-2.311E+03 1.294E+04
ELEM 4749
STKS -1.085E+07-1.078E+07-1.060E+07 4.354E+02-3.630E+03 3.796E+04
ELEM 4750
STKS -1.085E+07-1.078E+07-1.064E+07 4.686E+02-4.549E+03 7.289E+04
ELEM 4751
STKS -1.082E+07-1.078E+07-1.076E+07 3.755E+02-5.156E+03 1.090E+05
ELEM 4752
STKS -1.079E+07-1.078E+07-1.092E+07-1.710E+03-1.172E+04 6.581E+04
ELEM 4753
STKS -1.084E+07-1.083E+07-1.069E+07-5.447E+02 2.195E+03-6.356E+04
ELEM 4754
STKS -1.085E+07-1.080E+07-1.069E+07-1.095E+03 2.789E+03-6.185E+04
ELEM 4755
STKS -1.084E+07-1.079E+07-1.067E+07-1.140E+03-2.672E+03-6.499E+04
ELEM 4756
STKS -1.085E+07-1.079E+07-1.063E+07-1.364E+03 3.233E+02-2.960E+04
ELEM 4757
STKS -1.085E+07-1.079E+07-1.063E+07-4.457E+02 2.152E+03-1.028E+04
ELEM 4758
STKS -1.082E+07-1.079E+07-1.083E+07-1.445E+02-3.280E+02-9.260E+04
ELEM 4759
STKS -1.082E+07-1.080E+07-1.081E+07-1.248E+02-9.324E+02-9.117E+04
ELEM 4760
STKS -1.082E+07-1.079E+07-1.079E+07-1.166E+03-4.950E+02-9.666E+04
ELEM 4761
STKS -1.079E+07-1.078E+07-1.096E+07 1.436E+02-2.594E+03-4.892E+04
ELEM 4762
STKS -1.079E+07-1.078E+07-1.096E+07 4.912E+02-8.076E+03-4.940E+04
ELEM 4763
STKS -1.079E+07-1.078E+07-1.094E+07 1.511E+03-1.527E+04-5.303E+04
ELEM 4764

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STRS -1. 079E+07-1. 077E+07-1. 094E+07-2. 877E+02-3. 243E+03-4. 404E+04
ELEM 4810
STRS -1. 09E+07-1. 077E+07-1. 093E+07-7. 462E+02-9. 540E+03-4. 469E+04
ELEM 4811
STRS -1. 079E+07-1. 077E+07-1. 092E+07-1. 604E+03-1. 580E+04-4. 830E+04
ELEM 4812
STRS -1. 086E+07-1. 078E+07-1. 061E+07-9. 227E+01-2. 506E+03-1. 214E+04
ELEM 4813
STRS -1. 08E+07-1. 078E+07-1. 062E+07-1. 621E+02-3. 611E+03-3. 587E+04
ELEM 4814
STRS -1. 086E+07-1. 078E+07-1. 065E+07-1. 087E+01-4. 420E+03-6. 848E+04
ELEM 4815
STRS -1. 082E+07-1. 078E+07-1. 076E+07-9. 099E+01-5. 146E+03-1. 018E+05
ELEM 4816
STRS -1. 077E+07-1. 078E+07-1. 090E+07-1. 445E+03-1. 175E+04-6. 009E+04
ELEM 4817
STRS -1. 084E+07-1. 079E+07-1. 071E+07-4. 185E+02-1. 695E+02-5. 941E+04
ELEM 4818
STRS -1. 085E+07-1. 079E+07-1. 070E+07-7. 256E+02-1. 779E+02-5. 754E+04
ELEM 4819
STRS -1. 08E+07-1. 078E+07-1. 069E+07-4. 165E+02-5. 755E+03-6. 059E+04
ELEM 4820
STRS -1. 086E+07-1. 078E+07-1. 065E+07-8. 482E+02-8. 293E+02-2. 798E+04
ELEM 4821
STRS -1. 086E+07-1. 078E+07-1. 064E+07-2. 450E+02-1. 852E+03-9. 637E+03
ELEM 4822
STRS -1. 082E+07-1. 079E+07-1. 081E+07-1. 043E+02-1. 775E+03-8. 400E+04
ELEM 4823
STRS -1. 082E+07-1. 079E+07-1. 080E+07-5. 679E+02-5. 376E+03-8. 554E+04
ELEM 4824
STRS -1. 082E+07-1. 078E+07-1. 079E+07-1. 104E+02-6. 983E+03-9. 009E+04
ELEM 4825
STRS -1. 09E+07-1. 077E+07-1. 094E+07-2. 877E+02-3. 243E+03-4. 404E+04
ELEM 4826
STRS -1. 079E+07-1. 077E+07-1. 093E+07-7. 462E+02-9. 540E+03-4. 469E+04
ELEM 4827
STRS -1. 079E+07-1. 077E+07-1. 092E+07-1. 604E+03-1. 580E+04-4. 830E+04
ELEM 4828
STRS -1. 079E+07-1. 078E+07-1. 061E+07-9. 227E+01-2. 506E+03-1. 214E+04
ELEM 4829
STRS -1. 086E+07-1. 078E+07-1. 062E+07-1. 621E+02-3. 611E+03-3. 587E+04
ELEM 4830
STRS -1. 08E+07-1. 078E+07-1. 066E+07-3. 087E+01-4. 420E+03-6. 848E+04
ELEM 4831
STRS -1. 082E+07-1. 078E+07-1. 076E+07-9. 099E+01-5. 146E+03-1. 018E+05
ELEM 4832
STRS -1. 079E+07-1. 078E+07-1. 090E+07-1. 445E+03-1. 175E+04-6. 009E+04
ELEM 4833
STRS -1. 084E+07-1. 079E+07-1. 071E+07-4. 185E+02-1. 695E+02-5. 941E+04
ELEM 4834
STRS -1. 085E+07-1. 079E+07-1. 070E+07-7. 256E+02-1. 779E+02-5. 754E+04
ELEM 4835
STRS -1. 08E+07-1. 079E+07-1. 069E+07-4. 165E+02-5. 755E+03-6. 059E+04
ELEM 4836
STRS -1. 086E+07-1. 078E+07-1. 065E+07-8. 482E+02-8. 293E+02-2. 798E+04
ELEM 4837
STRS -1. 08E+07-1. 078E+07-1. 064E+07-2. 450E+02-1. 852E+03-9. 637E+03
ELEM 4838
STRS -1. 082E+07-1. 079E+07-1. 081E+07-1. 043E+02-1. 775E+03-8. 400E+04
ELEM 4839
STRS -1. 082E+07-1. 079E+07-1. 080E+07-5. 679E+02-5. 376E+03-8. 554E+04
ELEM 4840
STRS -1. 082E+07-1. 078E+07-1. 079E+07-1. 104E+02-6. 983E+03-9. 009E+04
ELEM 4841
STRS -1. 079E+07-1. 077E+07-1. 094E+07-2. 877E+02-3. 243E+03-4. 404E+04
ELEM 4842
STRS -1. 079E+07-1. 077E+07-1. 093E+07-7. 462E+02-9. 540E+03-4. 469E+04
ELEM 4843
STRS -1. 079E+07-1. 077E+07-1. 092E+07-1. 604E+03-1. 580E+04-4. 830E+04
ELEM 4844
STRS -1. 086E+07-1. 078E+07-1. 061E+07-9. 227E+01-2. 506E+03-1. 214E+04
ELEM 4845
STRS -1. 086E+07-1. 078E+07-1. 065E+07-1. 087E+01-4. 420E+03-6. 848E+04
ELEM 4846
STRS -1. 08E+07-1. 078E+07-1. 069E+07-4. 165E+02-5. 755E+03-6. 059E+04
ELEM 4847
STRS -1. 082E+07-1. 078E+07-1. 081E+07-1. 043E+02-1. 775E+03-8. 400E+04
ELEM 4848
STRS -1. 082E+07-1. 078E+07-1. 078E+07-9. 099E+01-5. 146E+03-1. 018E+05
ELEM 4849
STRS -1. 079E+07-1. 078E+07-1. 090E+07-1. 445E+03-1. 175E+04-6. 009E+04
ELEM 4850
STRS -1. 084E+07-1. 079E+07-1. 071E+07-4. 185E+02-1. 695E+02-5. 941E+04
ELEM 4851
STRS -1. 08E+07-1. 079E+07-1. 070E+07-7. 256E+02-1. 779E+02-5. 754E+04
ELEM 4852
STRS -1. 08E+07-1. 078E+07-1. 069E+07-4. 165E+02-5. 755E+03-6. 059E+04
ELEM 4853
STRS -1. 08E+07-1. 078E+07-1. 064E+07-2. 450E+02-1. 852E+03-9. 637E+03
ELEM 4854

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STRS -1.082E+07-1.075E+07-1.061E+07 1.043E+02 1.775E+03 8.400E+04
ELEM 4855
STRS -1.082E+07-1.079E+07-1.080E+07 6.679E+02 5.376E+03 8.554E+04
ELEM 4856
STRS -1.082E+07-1.078E+07-1.079E+07-1.101E+02 5.933E+03 9.005E+04
ELEM 4857
STRS -1.079E+07-1.077E+07-1.094E+07 2.877E+02 3.243E+03 4.404E+04
ELEM 4858
STRS -1.079E+07-1.077E+07-1.093E+07 7.462E+02 9.450E+03 4.465E+04
ELEM 4859
STRS -1.079E+07-1.077E+07-1.092E+07 1.604E+03 1.560E+04 4.830E+04
ELEM 4860
STRS -1.086E+07-1.078E+07-1.061E+07-9.227E+01 2.505E+03 1.214E+04
ELEM 4861
STRS -1.085E+07-1.078E+07-1.062E+07-1.621E+02 3.611E+03 3.587E+04
ELEM 4862
STRS -1.085E+07-1.078E+07-1.066E+07-3.087E+01 4.420E+03 6.848E+04
ELEM 4863
STRS -1.082E+07-1.078E+07-1.076E+07 9.093E+01 5.145E+03 1.015E+05
ELEM 4864
STRS -1.079E+07-1.075E+07-1.090E+07 1.445E+03 1.175E+04 6.005E+04
ELEM 4865
STRS -1.084E+07-1.079E+07-1.071E+07 3.795E+02-1.342E+02 5.738E+04
ELEM 4866
STRS -1.085E+07-1.078E+07-1.071E+07 5.877E+02-8.892E+02 5.560E+04
ELEM 4867
STRS -1.085E+07-1.078E+07-1.069E+07 1.848E+02-6.262E+03 5.855E+04
ELEM 4868
STRS -1.086E+07-1.078E+07-1.066E+07 6.476E+02-1.700E+03 2.694E+04
ELEM 4869
STRS -1.086E+07-1.078E+07-1.065E+07 1.767E+02-2.691E+03 9.325E+03
ELEM 4870
STRS -1.082E+07-1.078E+07-1.080E+07-1.712E+02-1.932E+03 8.041E+04
ELEM 4871
STRS -1.082E+07-1.078E+07-1.080E+07-7.462E+02-5.651E+03 8.194E+04
ELEM 4872
STRS -1.082E+07-1.078E+07-1.079E+07-1.737E+02-7.214E+03 8.649E+04
ELEM 4873
STRS -1.079E+07-1.077E+07-1.093E+07-2.988E+02-3.318E+03 4.227E+04
ELEM 4874
STRS -1.079E+07-1.077E+07-1.092E+07-7.595E+02-9.622E+03 4.294E+04
ELEM 4875
STRS -1.079E+07-1.077E+07-1.091E+07-1.553E+03-1.661E+04 4.644E+04
ELEM 4876
STRS -1.086E+07-1.078E+07-1.052E+07 3.857E+01-2.825E+03 1.177E+04
ELEM 4877
STRS -1.086E+07-1.078E+07-1.053E+07 5.943E+01-3.844E+03 3.461E+04
ELEM 4878
STRS -1.085E+07-1.078E+07-1.057E+07-1.239E+02-4.540E+03 6.636E+04
ELEM 4879
STRS -1.082E+07-1.078E+07-1.076E+07-2.753E+02-5.041E+03 9.760E+04
ELEM 4880
STRS -1.079E+07-1.078E+07-1.089E+07-1.350E+03-1.121E+04 5.765E+04
ELEM 4881
STRS -1.084E+07-1.079E+07-1.071E+07-3.579E+02-1.342E+02-5.738E+04
ELEM 4882
STRS -1.085E+07-1.078E+07-1.070E+07-5.877E+02-8.892E+02-5.560E+04
ELEM 4883
STRS -1.085E+07-1.078E+07-1.069E+07-1.848E+02-6.262E+03-5.855E+04
ELEM 4884
STRS -1.086E+07-1.078E+07-1.066E+07-6.476E+02-1.700E+03-2.694E+04
ELEM 4885
STRS -1.086E+07-1.078E+07-1.066E+07-1.767E+02-2.691E+03-9.325E+03
ELEM 4886
STRS -1.082E+07-1.078E+07-1.080E+07 1.712E+02-1.932E+03-8.041E+04
ELEM 4887
STRS -1.082E+07-1.078E+07-1.080E+07 7.462E+02-5.651E+03-8.194E+04
ELEM 4888
STRS -1.082E+07-1.078E+07-1.079E+07 1.737E+02-7.214E+03-8.649E+04
ELEM 4889
STRS -1.079E+07-1.077E+07-1.093E+07 2.988E+02-3.318E+03-4.227E+04
ELEM 4890
STRS -1.079E+07-1.077E+07-1.092E+07 7.595E+02-9.622E+03-4.294E+04
ELEM 4891
STRS -1.079E+07-1.077E+07-1.091E+07 1.553E+03-1.551E+04-4.644E+04
ELEM 4892
STRS -1.085E+07-1.078E+07-1.052E+07-3.857E+01-2.825E+03-1.177E+04
ELEM 4893
STRS -1.086E+07-1.078E+07-1.053E+07-5.943E+01-3.844E+03-3.461E+04
ELEM 4894
STRS -1.086E+07-1.078E+07-1.067E+07 1.239E+02-4.540E+03-6.636E+04
ELEM 4895
STRS -1.082E+07-1.078E+07-1.076E+07 2.753E+02-5.041E+03-9.760E+04
ELEM 4896
STRS -1.079E+07-1.078E+07-1.076E+07 2.753E+02-5.041E+03-9.760E+04
ELEM 4897
STRS -1.084E+07-1.079E+07-1.071E+07 3.579E+02-1.342E+02-5.738E+04
ELEM 4898
STRS -1.085E+07-1.078E+07-1.070E+07 5.877E+02 8.892E+02-5.560E+04
ELEM 4899

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STRS -1.085E+07-1.078E+07-1.069E+07 1.848E+02 6.252E+03-6.356E+04
ELEM 4900
STRS -1.086E+07-1.078E+07-1.066E+07 6.478E+02 1.700E+03-2.694E+04
ELEM 4901
STRS -1.086E+07-1.078E+07-1.065E+07 1.767E+02 2.691E+03-9.325E+03
ELEM 4902
STRS -1.082E+07-1.078E+07-1.080E+07-1.712E+02 1.932E+03-8.041E+04
ELEM 4903
STRS -1.082E+07-1.078E+07-1.080E+07-7.462E+02 5.651E+03-8.194E+04
ELEM 4904
STRS -1.082E+07-1.078E+07-1.079E+07-1.737E+02 7.214E+03-8.649E+04
ELEM 4905
STRS -1.079E+07-1.077E+07-1.093E+07-2.988E+02 3.318E+03-4.227E+04
ELEM 4906
STRS -1.079E+07-1.077E+07-1.092E+07-7.598E+02 9.522E+03-4.294E+04
ELEM 4907
STRS -1.079E+07-1.077E+07-1.091E+07-1.553E+03 1.561E+04-4.644E+04
ELEM 4908
STRS -1.086E+07-1.078E+07-1.062E+07 3.857E+01 2.825E+03-1.177E+04
ELEM 4909
STRS -1.086E+07-1.078E+07-1.063E+07 5.943E+01 3.844E+03-3.461E+04
ELEM 4910
STRS -1.085E+07-1.078E+07-1.067E+07-1.239E+02 4.540E+03-6.636E+04
ELEM 4911
STRS -1.082E+07-1.078E+07-1.078E+07-2.753E+02 5.041E+03-9.760E+04
ELEM 4912
STRS -1.079E+07-1.078E+07-1.089E+07-1.360E+03 1.121E+04-5.768E+04
ELEM 4913
STRS -1.084E+07-1.079E+07-1.071E+07-3.579E+02 1.342E+02 5.738E+04
ELEM 4914
STRS -1.085E+07-1.078E+07-1.070E+07-5.770E+02 8.892E+02 5.560E+04
ELEM 4915
STRS -1.085E+07-1.078E+07-1.069E+07-1.848E+02 6.252E+03 5.856E+04
ELEM 4916
STRS -1.086E+07-1.078E+07-1.066E+07-5.476E+02 1.700E+03-2.694E+04
ELEM 4917
STRS -1.086E+07-1.078E+07-1.065E+07-1.767E+02 2.691E+03 9.325E+03
ELEM 4918
STRS -1.082E+07-1.078E+07-1.080E+07 1.712E+02 1.932E+03 8.041E+04
ELEM 4919
STRS -1.082E+07-1.078E+07-1.080E+07-7.462E+02 5.651E+03 8.194E+04
ELEM 4920
STRS -1.082E+07-1.078E+07-1.079E+07 1.737E+02 7.214E+03 8.649E+04
ELEM 4921
STRS -1.079E+07-1.077E+07-1.093E+07 2.988E+02 3.318E+03 4.227E+04
ELEM 4922
STRS -1.079E+07-1.077E+07-1.092E+07 7.598E+02 9.522E+03 4.294E+04
ELEM 4923
STRS -1.079E+07-1.077E+07-1.091E+07 1.553E+03 1.561E+04 4.644E+04
ELEM 4924
STRS -1.086E+07-1.078E+07-1.062E+07-3.857E+01 2.825E+03 1.177E+04
ELEM 4925
STRS -1.086E+07-1.078E+07-1.063E+07-5.943E+01 3.844E+03 3.461E+04
ELEM 4926
STRS -1.085E+07-1.078E+07-1.067E+07 1.239E+02 4.540E+03 6.636E+04
ELEM 4927
STRS -1.082E+07-1.078E+07-1.076E+07 2.753E+02 5.041E+03 9.760E+04
ELEM 4928
STRS -1.079E+07-1.078E+07-1.089E+07 1.360E+03 1.121E+04 5.768E+04
ELEM 4929
STRS -1.084E+07-1.078E+07-1.072E+07 2.936E+02 4.525E+02 5.358E+04
ELEM 4930
STRS -1.084E+07-1.078E+07-1.071E+07 4.393E+02 1.554E+03 5.194E+04
ELEM 4931
STRS -1.084E+07-1.078E+07-1.070E+07 1.324E+02-6.492E+03 5.475E+04
ELEM 4932
STRS -1.085E+07-1.078E+07-1.067E+07 4.286E+02 2.545E+03-2.514E+04
ELEM 4933
STRS -1.086E+07-1.078E+07-1.066E+07 9.322E+01-3.469E+03 8.677E+03
ELEM 4934
STRS -1.082E+07-1.078E+07-1.080E+07-2.390E+02-1.933E+03 7.394E+04
ELEM 4935
STRS -1.082E+07-1.078E+07-1.080E+07-9.470E+02-5.681E+03 7.542E+04
ELEM 4936
STRS -1.082E+07-1.078E+07-1.079E+07-5.090E+02-7.097E+03 7.990E+04
ELEM 4937
STRS -1.079E+07-1.077E+07-1.091E+07-2.979E+02-3.206E+03 3.939E+04
ELEM 4938
STRS -1.079E+07-1.077E+07-1.091E+07-7.342E+02-9.186E+03 4.004E+04
ELEM 4939
STRS -1.079E+07-1.077E+07-1.090E+07-1.474E+03-1.476E+04 4.328E+04
ELEM 4940
STRS -1.086E+07-1.078E+07-1.064E+07-1.464E+01-3.486E+03 1.098E+04
ELEM 4941
STRS -1.085E+07-1.078E+07-1.064E+07-7.977E+01-4.367E+03 3.238E+04
ELEM 4942
STRS -1.085E+07-1.078E+07-1.068E+07-3.064E+02-4.800E+03 6.225E+04
ELEM 4943
STRS -1.082E+07-1.078E+07-1.077E+07-4.346E+02-4.754E+03 9.039E+04
ELEM 4944

STRS -1.079E+07-1.078E+07-1.088E+07-1.215E+03-9.923E+03 5.347E+04
ELEM 4945
STRS -1.084E+07-1.078E+07-1.072E+07-2.936E+02-4.525E+02-5.358E+04
ELEM 4946
STRS -1.084E+07-1.078E+07-1.071E+07-4.393E+02-1.554E+03-5.194E+04
ELEM 4947
STRS -1.084E+07-1.078E+07-1.070E+07 1.324E+02-6.492E+03-5.475E+04
ELEM 4948
STRS -1.085E+07-1.078E+07-1.067E+07-4.286E+02-2.545E+03-2.514E+04
ELEM 4949
STRS -1.086E+07-1.078E+07-1.066E+07-9.322E+01-3.469E+03-8.677E+03
ELEM 4950
STRS -1.082E+07-1.078E+07-1.080E+07 2.390E+02-1.933E+03-7.394E+04
ELEM 4951
STRS -1.082E+07-1.078E+07-1.080E+07 9.470E+02-5.681E+03-7.542E+04
ELEM 4952
STRS -1.082E+07-1.078E+07-1.079E+07 5.090E+02-7.097E+03-7.990E+04
ELEM 4953
STRS -1.079E+07-1.077E+07-1.091E+07 2.979E+02-3.206E+03-3.939E+04
ELEM 4954
STRS -1.079E+07-1.077E+07-1.091E+07 7.342E+02-9.186E+03-4.004E+04
ELEM 4955
STRS -1.079E+07-1.077E+07-1.090E+07 1.474E+03-1.476E+04-4.328E+04
ELEM 4956
STRS -1.086E+07-1.078E+07-1.064E+07 1.464E+01-3.486E+03-1.098E+04
ELEM 4957
STRS -1.086E+07-1.078E+07-1.064E+07 7.977E+01-4.367E+03-3.238E+04
ELEM 4958
STRS -1.085E+07-1.078E+07-1.066E+07 3.064E+02-4.800E+03-6.225E+04
ELEM 4959
STRS -1.082E+07-1.078E+07-1.078E+07-4.346E+02-4.754E+03-9.039E+04
ELEM 4960
STRS -1.079E+07-1.078E+07-1.088E+07 1.215E+03-9.923E+03-5.347E+04
ELEM 4961
STRS -1.084E+07-1.078E+07-1.072E+07 2.936E+02 4.525E+02-5.358E+04
ELEM 4962
STRS -1.084E+07-1.078E+07-1.071E+07 4.393E+02 1.554E+03-5.194E+04
ELEM 4963
STRS -1.084E+07-1.078E+07-1.070E+07 1.324E+02-6.492E+03-5.475E+04
ELEM 4964
STRS -1.085E+07-1.078E+07-1.067E+07 4.286E+02 2.545E+03-2.514E+04
ELEM 4965
STRS -1.086E+07-1.078E+07-1.066E+07 9.322E+01 3.469E+03-8.677E+03
ELEM 4966
STRS -1.082E+07-1.078E+07-1.080E+07-2.390E+02-1.933E+03-7.394E+04
ELEM 4967
STRS -1.082E+07-1.078E+07-1.080E+07-9.470E+02-5.681E+03-7.542E+04
ELEM 4968
STRS -1.082E+07-1.078E+07-1.079E+07-5.090E+02-7.097E+03-7.990E+04
ELEM 4969
STRS -1.079E+07-1.077E+07-1.091E+07-2.979E+02-3.206E+03-3.939E+04
ELEM 4970
STRS -1.079E+07-1.077E+07-1.091E+07-7.342E+02-9.186E+03-4.004E+04
ELEM 4971
STRS -1.079E+07-1.077E+07-1.090E+07-1.474E+03-1.476E+04-4.328E+04
ELEM 4972
STRS -1.086E+07-1.078E+07-1.064E+07-1.464E+01-3.486E+03-1.098E+04
ELEM 4973
STRS -1.086E+07-1.078E+07-1.064E+07-7.977E+01-4.367E+03-3.238E+04
ELEM 4974
STRS -1.086E+07-1.078E+07-1.068E+07-3.064E+02-4.800E+03-6.225E+04
ELEM 4975
STRS -1.082E+07-1.078E+07-1.077E+07-4.346E+02-4.754E+03-9.039E+04
ELEM 4976
STRS -1.079E+07-1.078E+07-1.088E+07-1.215E+03-9.923E+03 5.347E+04
ELEM 4977
STRS -1.084E+07-1.078E+07-1.072E+07-2.936E+02 4.525E+02 5.358E+04
ELEM 4978
STRS -1.084E+07-1.078E+07-1.071E+07-4.393E+02 1.554E+03 5.194E+04
ELEM 4979
STRS -1.084E+07-1.078E+07-1.070E+07 1.324E+02-6.492E+03 5.475E+04
ELEM 4980
STRS -1.085E+07-1.078E+07-1.067E+07-4.286E+02 2.545E+03-2.514E+04
ELEM 4981
STRS -1.086E+07-1.078E+07-1.066E+07-9.322E+01 3.469E+03 8.677E+03
ELEM 4982
STRS -1.082E+07-1.078E+07-1.080E+07 2.390E+02-1.933E+03 7.394E+04
ELEM 4983
STRS -1.082E+07-1.078E+07-1.080E+07 9.470E+02-5.681E+03 7.542E+04
ELEM 4984
STRS -1.082E+07-1.078E+07-1.079E+07-5.090E+02-7.097E+03 7.990E+04
ELEM 4985
STRS -1.079E+07-1.077E+07-1.091E+07 2.979E+02-3.206E+03 3.939E+04
ELEM 4986
STRS -1.079E+07-1.077E+07-1.091E+07 7.342E+02-9.186E+03 4.004E+04
ELEM 4987
STRS -1.079E+07-1.077E+07-1.090E+07 1.474E+03-1.476E+04 4.328E+04
ELEM 4988
STRS -1.086E+07-1.078E+07-1.064E+07 1.464E+01-3.486E+03 1.098E+04
ELEM 4989

STRS -1.086E+07-1.078E+07-1.064E+07 7.977E+01 4.367E+03 3.238E+04
ELEM 4990
STRS -1.085E+07-1.078E+07-1.068E+07 3.064E+02 4.800E+03 6.225E+04
ELEM 4991
STRS -1.082E+07-1.078E+07-1.077E+07 4.346E+02 4.754E+03 9.039E+04
ELEM 4992
STRS -1.079E+07-1.078E+07-1.088E+07 1.215E+03 9.923E+03 5.347E+04
ELEM 4993
STRS -1.084E+07-1.078E+07-1.073E+07 2.199E+02-5.791E+02 4.808E+04
ELEM 4994
STRS -1.084E+07-1.078E+07-1.072E+07 2.566E+02-1.853E+03 4.665E+04
ELEM 4995
STRS -1.084E+07-1.078E+07-1.071E+07-4.461E+02-6.417E+03 4.921E+04
ELEM 4996
STRS -1.085E+07-1.078E+07-1.068E+07 1.607E+02-3.250E+03 2.269E+04
ELEM 4997
STRS -1.085E+07-1.078E+07-1.068E+07 5.246E+02-4.080E+03 7.755E+03
ELEM 4998
STRS -1.082E+07-1.078E+07-1.080E+07-2.391E+02-1.871E+03 6.597E+04
ELEM 4999
STRS -1.082E+07-1.078E+07-1.080E+07-1.085E+03-5.267E+03 6.734E+04
ELEM 5000
STRS -1.082E+07-1.078E+07-1.079E+07-8.064E+02-6.595E+03 7.153E+04
ELEM 5001
STRS -1.079E+07-1.077E+07-1.089E+07-2.801E+02-2.917E+03 3.488E+04
ELEM 5002
STRS -1.079E+07-1.077E+07-1.089E+07-6.722E+02-8.293E+03 3.547E+04
ELEM 5003
STRS -1.079E+07-1.077E+07-1.088E+07-1.350E+03-1.307E+04 3.836E+04
ELEM 5004
STRS -1.086E+07-1.078E+07-1.086E+07-6.704E+01-3.263E+03 9.805E+03
ELEM 5005
STRS -1.086E+07-1.078E+07-1.066E+07-2.267E+02-3.977E+03 2.919E+04
ELEM 5006
STRS -1.085E+07-1.078E+07-1.069E+07-4.678E+02-4.243E+03 5.616E+04
ELEM 5007
STRS -1.082E+07-1.078E+07-1.077E+07-5.481E+02-4.069E+03 8.090E+04
ELEM 5008
STRS -1.079E+07-1.078E+07-1.087E+07-1.033E+03-8.565E+03 4.725E+04
ELEM 5009
STRS -1.084E+07-1.078E+07-1.073E+07-2.190E+02-5.791E+02-4.808E+04
ELEM 5010
STRS -1.084E+07-1.078E+07-1.072E+07-2.565E+02-1.853E+03-4.665E+04
ELEM 5011
STRS -1.084E+07-1.078E+07-1.071E+07 4.461E+02-6.417E+03-4.921E+04
ELEM 5012
STRS -1.085E+07-1.078E+07-1.068E+07-1.607E+02-3.250E+03-2.269E+04
ELEM 5013
STRS -1.085E+07-1.078E+07-1.068E+07-5.246E+02-4.080E+03-7.755E+03
ELEM 5014
STRS -1.082E+07-1.078E+07-1.080E+07 2.391E+02-1.871E+03-6.597E+04
ELEM 5015
STRS -1.082E+07-1.078E+07-1.080E+07 1.086E+03-5.267E+03-6.734E+04
ELEM 5016
STRS -1.082E+07-1.078E+07-1.079E+07 8.064E+02-6.595E+03-7.153E+04
ELEM 5017
STRS -1.079E+07-1.077E+07-1.089E+07 2.801E+02-2.917E+03-3.488E+04
ELEM 5018
STRS -1.079E+07-1.077E+07-1.089E+07 6.722E+02-8.293E+03-3.547E+04
ELEM 5019
STRS -1.079E+07-1.077E+07-1.088E+07 1.350E+03-1.307E+04-3.836E+04
ELEM 5020
STRS -1.086E+07-1.078E+07-1.066E+07 6.704E+01-3.263E+03-9.805E+03
ELEM 5021
STRS -1.086E+07-1.078E+07-1.066E+07 2.267E+02-3.977E+03-2.919E+04
ELEM 5022
STRS -1.085E+07-1.078E+07-1.069E+07 4.678E+02-4.243E+03-5.616E+04
ELEM 5023
STRS -1.082E+07-1.078E+07-1.077E+07 5.481E+02-4.069E+03-8.090E+04
ELEM 5024
STRS -1.079E+07-1.078E+07-1.087E+07 1.033E+03-8.565E+03-4.725E+04
ELEM 5025
STRS -1.084E+07-1.078E+07-1.073E+07 2.190E+02-5.791E+02-4.808E+04
ELEM 5026
STRS -1.084E+07-1.078E+07-1.072E+07 2.565E+02 1.853E+03-4.665E+04
ELEM 5027
STRS -1.084E+07-1.078E+07-1.071E+07-4.461E+02-6.417E+03-4.921E+04
ELEM 5028
STRS -1.085E+07-1.078E+07-1.068E+07 1.607E+02-3.250E+03-2.269E+04
ELEM 5029
STRS -1.085E+07-1.078E+07-1.068E+07 5.246E+02 4.080E+03-7.755E+03
ELEM 5030
STRS -1.082E+07-1.078E+07-1.080E+07-2.391E+02-1.871E+03-6.597E+04
ELEM 5031
STRS -1.082E+07-1.078E+07-1.080E+07-1.086E+03 5.267E+03-6.734E+04
ELEM 5032
STRS -1.082E+07-1.078E+07-1.079E+07-8.064E+02 6.595E+03-7.153E+04
ELEM 5033
STRS -1.079E+07-1.077E+07-1.089E+07-2.801E+02 2.917E+03-3.488E+04
ELEM 5034

STRS -1.079E+07-1.077E+07-1.089E+07-6.722E+02 8.293E+03-3.547E+04
ELEM 5035
STRS -1.079E+07-1.077E+07-1.088E+07-1.350E+03 1.307E+04-3.836E+04
ELEM 5036
STRS -1.086E+07-1.078E+07-1.066E+07-6.704E+01 3.263E+03-9.805E+03
ELEM 5037
STRS -1.085E+07-1.078E+07-1.055E+07-2.267E+02 3.977E+03-2.919E+04
ELEM 5038
STRS -1.085E+07-1.078E+07-1.059E+07-4.678E+02 4.243E+03-5.616E+04
ELEM 5039
STRS -1.082E+07-1.078E+07-1.077E+07-5.481E+02 4.069E+03-8.090E+04
ELEM 5040
STRS -1.079E+07-1.078E+07-1.087E+07-1.033E+03 5.565E+03-4.726E+04
ELEM 5041
STRS -1.084E+07-1.078E+07-1.073E+07-2.190E+02 5.791E+02 4.808E+04
ELEM 5042
STRS -1.084E+07-1.078E+07-1.072E+07-2.566E+02 1.853E+03 4.665E+04
ELEM 5043
STRS -1.084E+07-1.078E+07-1.071E+07 4.461E+02 6.417E+03 4.921E+04
ELEM 5044
STRS -1.085E+07-1.078E+07-1.068E+07-1.607E+02 3.250E+03 2.269E+04
ELEM 5045
STRS -1.085E+07-1.078E+07-1.058E+07-5.245E+00 4.080E+03 7.755E+03
ELEM 5046
STRS -1.082E+07-1.078E+07-1.080E+07 2.915E+02 1.871E+03 6.597E+04
ELEM 5047
STRS -1.082E+07-1.078E+07-1.080E+07 1.108E+03 5.267E+03 6.734E+04
ELEM 5048
STRS -1.082E+07-1.078E+07-1.079E+07 8.064E+02 6.596E+03 7.153E+04
ELEM 5049
STRS -1.079E+07-1.077E+07-1.078E+07 2.801E+02 2.917E+03 3.488E+04
ELEM 5050
STRS -1.078E+07-1.077E+07-1.089E+07 6.722E+02 8.293E+03 3.547E+04
ELEM 5051
STRS -1.078E+07-1.077E+07-1.088E+07 1.350E+03 1.307E+04 3.836E+04
ELEM 5052
STRS -1.086E+07-1.078E+07-1.066E+07 6.704E+01 3.263E+03 9.805E+03
ELEM 5053
STRS -1.086E+07-1.078E+07-1.066E+07 2.267E+02 3.977E+03 2.919E+04
ELEM 5054
STRS -1.085E+07-1.078E+07-1.059E+07 4.678E+02 4.243E+03 5.616E+04
ELEM 5055
STRS -1.082E+07-1.078E+07-1.077E+07 5.481E+02 4.069E+03 8.090E+04
ELEM 5056
STRS -1.079E+07-1.078E+07-1.087E+07 1.033E+03 5.565E+03 4.726E+04
ELEM 5057
STRS -1.083E+07-1.078E+07-1.073E+07 1.925E+02-5.771E+02 4.278E+04
ELEM 5058
STRS -1.084E+07-1.078E+07-1.073E+07 1.955E+02-1.785E+03 4.157E+04
ELEM 5059
STRS -1.084E+07-1.078E+07-1.072E+07-6.187E+02-5.834E+03 4.383E+04
ELEM 5060
STRS -1.085E+07-1.078E+07-1.070E+07-2.947E+01-3.241E+03 1.973E+04
ELEM 5061
STRS -1.085E+07-1.078E+07-1.069E+07-3.208E+01-3.985E+03 6.842E+03
ELEM 5062
STRS -1.081E+07-1.078E+07-1.080E+07-3.057E+02-1.627E+03 5.869E+04
ELEM 5063
STRS -1.081E+07-1.078E+07-1.079E+07-1.146E+03-4.572E+03 5.993E+04
ELEM 5064
STRS -1.081E+07-1.078E+07-1.079E+07-9.281E+02-5.721E+03 5.371E+04
ELEM 5065
STRS -1.079E+07-1.077E+07-1.087E+07-2.504E+02-2.528E+03 3.048E+04
ELEM 5066
STRS -1.079E+07-1.077E+07-1.087E+07-5.874E+02 7.125E+03 3.102E+04
ELEM 5067
STRS -1.079E+07-1.077E+07-1.087E+07-1.195E+03-1.113E+04 3.355E+04
ELEM 5068
STRS -1.085E+07-1.078E+07-1.068E+07-1.085E+02-2.731E+03 8.728E+03
ELEM 5069
STRS -1.085E+07-1.078E+07-1.068E+07-3.360E+02-3.306E+03 2.550E+04
ELEM 5070
STRS -1.084E+07-1.078E+07-1.071E+07-5.335E+02-3.448E+03 5.018E+04
ELEM 5071
STRS -1.082E+07-1.078E+07-1.078E+07-6.195E+02-3.297E+03 7.191E+04
ELEM 5072
STRS -1.079E+07-1.078E+07-1.086E+07-8.964E+02-7.293E+03 4.124E+04
ELEM 5073
STRS -1.083E+07-1.078E+07-1.073E+07-1.925E+02-5.771E+02-4.278E+04
ELEM 5074
STRS -1.084E+07-1.078E+07-1.073E+07-1.995E+02-1.785E+03-4.157E+04
ELEM 5075
STRS -1.084E+07-1.078E+07-1.072E+07 6.187E+02-5.834E+03-4.383E+04
ELEM 5076
STRS -1.085E+07-1.078E+07-1.070E+07 2.947E+01-3.241E+03-1.973E+04
ELEM 5077
STRS -1.085E+07-1.078E+07-1.069E+07 3.208E+01-3.985E+03-6.842E+03
ELEM 5078
STRS -1.081E+07-1.078E+07-1.080E+07 3.057E+02-1.627E+03-5.869E+04
ELEM 5079

STRS -1.081E+07-1.078E+07-1.079E+07 1.146E+03-4.572E+03-5.993E+04
ELEM 5080
STRS -1.081E+07-1.078E+07-1.079E+07 9.281E+02-5.721E+03-6.371E+04
ELEM 5081
STRS -1.079E+07-1.077E+07-1.087E+07 2.504E+02-2.528E+03-3.048E+04
ELEM 5082
STRS -1.079E+07-1.077E+07-1.087E+07 5.874E+02-7.125E+03-3.102E+04
ELEM 5083
STRS -1.079E+07-1.077E+07-1.086E+07 1.195E+03-1.113E+04-3.355E+04
ELEM 5084
STRS -1.085E+07-1.078E+07-1.068E+07 1.085E+02-2.731E+03-8.728E+03
ELEM 5085
STRS -1.085E+07-1.078E+07-1.068E+07 3.360E+02-3.306E+03-2.550E+04
ELEM 5086
STRS -1.084E+07-1.078E+07-1.071E+07 5.335E+02-3.448E+03-5.018E+04
ELEM 5087
STRS -1.082E+07-1.078E+07-1.078E+07 6.195E+02-3.297E+03-7.191E+04
ELEM 5088
STRS -1.079E+07-1.078E+07-1.086E+07 8.964E+02-7.293E+03-4.124E+04
ELEM 5089
STRS -1.083E+07-1.078E+07-1.073E+07 1.925E+02-5.771E+02-4.278E+04
ELEM 5090
STRS -1.084E+07-1.078E+07-1.073E+07 1.995E+02-1.785E+03-4.157E+04
ELEM 5091
STRS -1.084E+07-1.078E+07-1.072E+07-6.187E+02-5.834E+03-4.383E+04
ELEM 5092
STRS -1.085E+07-1.078E+07-1.070E+07-2.947E+01-3.241E+03-1.973E+04
ELEM 5093
STRS -1.085E+07-1.078E+07-1.069E+07-3.208E+01-3.985E+03-6.842E+03
ELEM 5094
STRS -1.081E+07-1.078E+07-1.080E+07-3.057E+02-1.627E+03-5.869E+04
ELEM 5095
STRS -1.081E+07-1.078E+07-1.079E+07-1.146E+03-4.572E+03-5.993E+04
ELEM 5096
STRS -1.081E+07-1.078E+07-1.079E+07-9.281E+02-5.721E+03-5.371E+04
ELEM 5097
STRS -1.079E+07-1.077E+07-1.087E+07-2.504E+02-2.528E+03-3.048E+04
ELEM 5098
STRS -1.079E+07-1.077E+07-1.087E+07-5.874E+02 7.125E+03 3.102E+04
ELEM 5099
STRS -1.079E+07-1.077E+07-1.086E+07 1.195E+03 1.113E+04 3.355E+04
ELEM 5100
STRS -1.085E+07-1.078E+07-1.068E+07-1.085E+02 2.731E+03 8.728E+03
ELEM 5101
STRS -1.085E+07-1.078E+07-1.068E+07-3.360E+02 3.306E+03 2.550E+04
ELEM 5102
STRS -1.084E+07-1.078E+07-1.071E+07-5.335E+02 3.448E+03 5.018E+04
ELEM 5103
STRS -1.082E+07-1.078E+07-1.078E+07-6.195E+02 3.297E+03-7.191E+04
ELEM 5104
STRS -1.079E+07-1.078E+07-1.086E+07-8.964E+02 7.293E+03-4.124E+04
ELEM 5105
STRS -1.083E+07-1.078E+07-1.073E+07-1.925E+02 5.771E+02 4.278E+04
ELEM 5106
STRS -1.084E+07-1.078E+07-1.073E+07-1.995E+02 1.785E+03 4.157E+04
ELEM 5107
STRS -1.084E+07-1.078E+07-1.072E+07 6.187E+02 5.834E+03 4.383E+04
ELEM 5108
STRS -1.085E+07-1.078E+07-1.070E+07 2.947E+01 3.241E+03 1.973E+04
ELEM 5109
STRS -1.085E+07-1.078E+07-1.069E+07 3.208E+01 3.985E+03 6.842E+03
ELEM 5110
STRS -1.081E+07-1.078E+07-1.080E+07 3.057E+02 1.627E+03 5.869E+04
ELEM 5111
STRS -1.081E+07-1.078E+07-1.079E+07 1.146E+03 4.572E+03 5.993E+04
ELEM 5112
STRS -1.081E+07-1.078E+07-1.079E+07 9.281E+02 5.721E+03 6.371E+04
ELEM 5113
STRS -1.079E+07-1.077E+07-1.087E+07 2.504E+02 2.528E+03 3.048E+04
ELEM 5114
STRS -1.079E+07-1.077E+07-1.087E+07 5.874E+02 7.125E+03 3.102E+04
ELEM 5115
STRS -1.079E+07-1.077E+07-1.086E+07 1.195E+03 1.113E+04 3.355E+04
ELEM 5116
STRS -1.085E+07-1.078E+07-1.068E+07 1.085E+02 2.731E+03 8.728E+03
ELEM 5117
STRS -1.085E+07-1.078E+07-1.068E+07 3.360E+02 3.306E+03 2.550E+04
ELEM 5118
STRS -1.084E+07-1.078E+07-1.071E+07 5.335E+02 3.448E+03 5.018E+04
ELEM 5119
STRS -1.082E+07-1.078E+07-1.078E+07 6.195E+02 3.297E+03 7.191E+04
ELEM 5120
STRS -1.079E+07-1.078E+07-1.086E+07 8.964E+02 7.293E+03 4.124E+04
ELEM 5121
STRS -1.081E+07-1.078E+07-1.079E+07-2.830E+02-1.200E+03 4.774E+04
ELEM 5122
STRS -1.081E+07-1.078E+07-1.079E+07-1.065E+03-3.376E+03 4.877E+04
ELEM 5123
STRS -1.081E+07-1.078E+07-1.079E+07-9.281E+02-4.107E+03 5.190E+04
ELEM 5124

STRS -1.081E+07-1.078E+07-1.078E+07-5.659E+02-2.205E+03 5.849E+04
ELEM 5125
STRS -1.079E+07-1.077E+07-1.088E+07-2.062E+02-1.902E+03 2.612E+04
ELEM 5126
STRS -1.079E+07-1.077E+07-1.088E+07-4.729E+02-5.324E+03 2.556E+04
ELEM 5127
STRS -1.079E+07-1.077E+07-1.084E+07-9.769E+02-8.171E+03 2.756E+04
ELEM 5128
STRS -1.079E+07-1.078E+07-1.084E+07-7.507E+02-5.048E+03 3.347E+04
ELEM 5129
STRS -1.080E+07-1.078E+07-1.079E+07-2.248E+02-5.967E+02 3.324E+04
ELEM 5130
STRS -1.080E+07-1.078E+07-1.079E+07-7.260E+02-1.667E+03 3.392E+04
ELEM 5131
STRS -1.080E+07-1.078E+07-1.078E+07-7.829E+02-2.070E+03 3.606E+04
ELEM 5132
STRS -1.081E+07-1.078E+07-1.078E+07-3.253E+02-1.048E+03 4.040E+04
ELEM 5133
STRS -1.079E+07-1.077E+07-1.082E+07-1.380E+02-1.057E+03 1.748E+04
ELEM 5134
STRS -1.079E+07-1.077E+07-1.082E+07-3.449E+02-2.942E+03 1.777E+04
ELEM 5135
STRS -1.078E+07-1.078E+07-1.082E+07-6.732E+02-4.348E+03 1.908E+04
ELEM 5136
STRS -1.079E+07-1.078E+07-1.082E+07-5.505E+02-2.448E+03 2.274E+04
ELEM 5137
STRS -1.080E+07-1.078E+07-1.078E+07-1.243E+02-2.153E+02 2.038E+04
ELEM 5138
STRS -1.080E+07-1.078E+07-1.078E+07-3.671E+02-5.053E+02 2.068E+04
ELEM 5139
STRS -1.080E+07-1.078E+07-1.078E+07-5.242E+02-5.560E+02 2.180E+04
ELEM 5140
STRS -1.080E+07-1.078E+07-1.079E+07-1.773E+02-2.573E+02 2.422E+04
ELEM 5141
STRS -1.078E+07-1.078E+07-1.080E+07-6.624E+01-3.759E+02 9.430E+03
ELEM 5142
STRS -1.078E+07-1.078E+07-1.080E+07-2.250E+02-1.031E+03 9.602E+03
ELEM 5143
STRS -1.078E+07-1.078E+07-1.080E+07-4.396E+02-1.513E+03 1.028E+04
ELEM 5144
STRS -1.078E+07-1.078E+07-1.080E+07-8.803E+02-8.979E+02 1.208E+04
ELEM 5145
STRS -1.079E+07-1.078E+07-1.078E+07-8.758E+01-2.249E+01 1.181E+04
ELEM 5146
STRS -1.079E+07-1.078E+07-1.078E+07-2.475E+02-8.352E+01 1.196E+04
ELEM 5147
STRS -1.079E+07-1.078E+07-1.078E+07-3.371E+02 1.273E+02 1.254E+04
ELEM 5148
STRS -1.079E+07-1.078E+07-1.078E+07-2.472E+02 2.415E+02 1.378E+04
ELEM 5149
STRS -1.078E+07-1.078E+07-1.079E+07-6.783E+01-1.512E+01 4.550E+03
ELEM 5150
STRS -1.078E+07-1.078E+07-1.079E+07-1.893E+02-5.056E+01 4.674E+03
ELEM 5151
STRS -1.078E+07-1.078E+07-1.079E+07-3.122E+02-1.281E+01 4.960E+03
ELEM 5152
STRS -1.078E+07-1.078E+07-1.079E+07-2.455E+02 5.577E+01 5.571E+03
ELEM 5153
STRS -1.079E+07-1.078E+07-1.078E+07-6.973E+01 4.208E+01 6.867E+03
ELEM 5154
STRS -1.079E+07-1.078E+07-1.078E+07-1.424E+02 6.958E+01 6.831E+03
ELEM 5155
STRS -1.079E+07-1.078E+07-1.077E+07-1.441E+02 1.523E+02 5.168E+03
ELEM 5156
STRS -1.080E+07-1.078E+07-1.077E+07-8.785E+01 1.523E+02 1.911E+03
ELEM 5157
STRS -1.080E+07-1.078E+07-1.077E+07-9.885E+01-8.551E+01 2.483E+03
ELEM 5158
STRS -1.079E+07-1.078E+07-1.078E+07-2.853E+02 2.251E+01 7.072E+03
ELEM 5159
STRS -1.080E+07-1.078E+07-1.077E+07-2.252E+01-6.358E+01 2.595E+03
ELEM 5160
STRS -1.079E+07-1.078E+07-1.078E+07-1.814E+02-6.667E+01 7.674E+03
ELEM 5161
STRS -1.079E+07-1.078E+07-1.078E+07-2.197E+01 2.959E+01 3.320E+03
ELEM 5170
STRS -1.078E+07-1.078E+07-1.078E+07-2.108E+02 7.858E+01 3.335E+03
ELEM 5171
STRS -1.079E+07-1.078E+07-1.078E+07-7.583E+01 7.259E+01 2.370E+03
ELEM 5172
STRS -1.079E+07-1.078E+07-1.078E+07 7.646E+01 1.096E+02 7.973E+02
ELEM 5173
STRS -1.078E+07-1.078E+07-1.078E+07-6.954E+01-7.755E+01 1.105E+03
ELEM 5174
STRS -1.079E+07-1.078E+07-1.078E+07-1.903E+01 4.675E+01 1.141E+03
ELEM 5175
STRS -1.079E+07-1.078E+07-1.078E+07-1.046E+02 9.428E+01 3.356E+03
ELEM 5176
STRS -1.079E+07-1.078E+07-1.078E+07-4.645E+01 5.218E+01 3.546E+03
ELEM 5177

STRS -1.078E+07-1.078E+07-1.078E+07-5.487E+01 5.898E+01 1.657E+03
ELEM 5178
STRS -1.078E+07-1.078E+07-1.078E+07-1.365E+02 1.736E+02 1.695E+03
ELEM 5179
STRS -1.078E+07-1.078E+07-1.078E+07-1.270E+02 3.160E+02 1.776E+03
ELEM 5180
STRS -1.078E+07-1.078E+07-1.078E+07-7.613E+01 2.181E+02 1.825E+03
ELEM 5185
STRS -1.078E+07-1.078E+07-1.078E+07 1.893E+00 1.382E+01 1.919E+02
ELEM 5186
STRS -1.078E+07-1.078E+07-1.078E+07-2.210E+01 4.759E+01 2.278E+02
ELEM 5187
STRS -1.078E+07-1.078E+07-1.078E+07 5.752E+01 2.871E+01 1.272E+02
ELEM 5188
STRS -1.078E+07-1.078E+07-1.078E+07 7.177E+01-1.050E+02 3.655E+01
ELEM 5189
STRS -1.078E+07-1.078E+07-1.078E+07 2.141E+01 4.494E+01 1.144E+02
ELEM 5190
STRS -1.078E+07-1.078E+07-1.078E+07 3.375E+01 2.547E+01 1.421E+02
ELEM 5191
STRS -1.078E+07-1.078E+07-1.078E+07 3.084E+01 6.603E+01 1.615E+02
ELEM 5192
STRS -1.078E+07-1.078E+07-1.078E+07 2.372E+01 3.258E+01 6.758E+01
ELEM 5193
STRS -1.078E+07-1.078E+07-1.078E+07-9.512E+00 3.530E+01-1.139E+02
ELEM 5194
STRS -1.078E+07-1.078E+07-1.078E+07-2.224E+01 1.042E+02-1.223E+02
ELEM 5195
STRS -1.078E+07-1.078E+07-1.078E+07-1.118E+01 1.184E+02-1.365E+02
ELEM 5196
STRS -1.078E+07-1.078E+07-1.078E+07-7.766E+00 7.368E+01-2.014E+02
ELEM 5197
STRS -1.081E+07-1.078E+07-1.079E+07 2.830E+02-1.200E+03-4.774E+04
ELEM 5198
STRS -1.081E+07-1.078E+07-1.079E+07 1.056E+03-3.376E+03-4.877E+04
ELEM 5199
STRS -1.081E+07-1.078E+07-1.079E+07 9.284E+02-4.107E+03-5.190E+04
ELEM 5200
STRS -1.081E+07-1.078E+07-1.078E+07 5.659E+02-2.305E+03-5.849E+04
ELEM 5201
STRS -1.079E+07-1.077E+07-1.085E+07 2.062E+02-1.902E+03-2.512E+04
ELEM 5202
STRS -1.079E+07-1.077E+07-1.085E+07 4.729E+02-5.324E+03-2.556E+04
ELEM 5203
STRS -1.079E+07-1.077E+07-1.084E+07 7.769E+02-8.171E+03-2.755E+04
ELEM 5204
STRS -1.079E+07-1.078E+07-1.084E+07 7.507E+02-5.048E+03-3.347E+04
ELEM 5205
STRS -1.080E+07-1.078E+07-1.079E+07 2.248E+02-5.967E+02-3.324E+04
ELEM 5206
STRS -1.080E+07-1.078E+07-1.079E+07 7.260E+02-1.667E+03-3.392E+04
ELEM 5207
STRS -1.080E+07-1.078E+07-1.078E+07 7.829E+02-2.070E+03-3.606E+04
ELEM 5208
STRS -1.081E+07-1.078E+07-1.078E+07 3.253E+02-1.048E+03-4.040E+04
ELEM 5209
STRS -1.079E+07-1.077E+07-1.082E+07 1.380E+02-1.057E+03-1.748E+04
ELEM 5210
STRS -1.079E+07-1.077E+07-1.082E+07 3.445E+02-2.942E+03-1.777E+04
ELEM 5211
STRS -1.079E+07-1.078E+07-1.082E+07 6.732E+02-4.348E+03-1.908E+04
ELEM 5212
STRS -1.079E+07-1.078E+07-1.082E+07 5.605E+02-2.448E+03-2.274E+04
ELEM 5213
STRS -1.080E+07-1.078E+07-1.078E+07 1.243E+02-2.153E+02-2.038E+04
ELEM 5214
STRS -1.080E+07-1.078E+07-1.078E+07 3.671E+02-5.053E+02-2.068E+04
ELEM 5215
STRS -1.080E+07-1.078E+07-1.078E+07 5.242E+02-6.560E+02-2.180E+04
ELEM 5216
STRS -1.080E+07-1.078E+07-1.079E+07 1.773E+02-2.573E+02-2.422E+04
ELEM 5217
STRS -1.080E+07-1.078E+07-1.079E+07 7.624E+01-3.759E+02-9.430E+03
ELEM 5218
STRS -1.078E+07-1.078E+07-1.080E+07 2.250E+02-1.031E+03-9.602E+03
ELEM 5219
STRS -1.078E+07-1.078E+07-1.080E+07 4.396E+02-1.513E+03-1.028E+04
ELEM 5220
STRS -1.078E+07-1.078E+07-1.080E+07 3.803E+02-8.979E+02-1.208E+04
ELEM 5221
STRS -1.079E+07-1.078E+07-1.082E+07 8.758E+01-2.249E+01-1.181E+04
ELEM 5222
STRS -1.079E+07-1.078E+07-1.078E+07 2.475E+02-8.352E+01-1.196E+04
ELEM 5223
STRS -1.079E+07-1.078E+07-1.078E+07 3.371E+02 1.273E+02-1.254E+04
ELEM 5224
STRS -1.079E+07-1.078E+07-1.078E+07 2.472E+02 2.415E+02-1.378E+04
ELEM 5225
STRS -1.078E+07-1.078E+07-1.079E+07 6.783E+01-1.512E+01-4.590E+03
ELEM 5226

STRS -1.078E+07-1.078E+07-1.079E+07 1.893E+02-5.066E+01-4.674E+03
ELEM 5227
STRS -1.078E+07-1.078E+07-1.079E+07 3.122E+02-1.281E+01-4.960E+03
ELEM 5228
STRS -1.078E+07-1.078E+07-1.079E+07 2.458E+02 6.577E+01-5.571E+03
ELEM 5233
STRS -1.079E+07-1.078E+07-1.078E+07 6.973E+01 4.208E+01-6.867E+03
ELEM 5234
STRS -1.079E+07-1.078E+07-1.078E+07 1.424E+02 6.958E+01-6.831E+03
ELEM 5235
STRS -1.079E+07-1.078E+07-1.077E+07 1.441E+02 1.523E+02-5.168E+03
ELEM 5236
STRS -1.080E+07-1.078E+07-1.077E+07-8.789E+01 1.523E+02-1.911E+03
ELEM 5237
STRS -1.080E+07-1.078E+07-1.077E+07 9.889E+01-8.551E+01-2.483E+03
ELEM 5238
STRS -1.078E+07-1.078E+07-1.078E+07 2.853E+02 2.251E+01-7.072E+03
ELEM 5239
STRS -1.080E+07-1.078E+07-1.077E+07 7.262E+01-6.358E+01-2.595E+03
ELEM 5240
STRS -1.079E+07-1.078E+07-1.078E+07 1.814E+02-6.687E+01-7.674E+03
ELEM 5245
STRS -1.079E+07-1.078E+07-1.078E+07 2.197E+01 2.959E+01-3.320E+03
ELEM 5246
STRS -1.079E+07-1.078E+07-1.078E+07 2.108E+02 7.868E+01-3.335E+03
ELEM 5247
STRS -1.079E+07-1.078E+07-1.078E+07 7.583E+01 7.259E+01-2.370E+03
ELEM 5248
STRS -1.079E+07-1.078E+07-1.078E+07 7.646E+01 1.096E+02-7.973E+02
ELEM 5249
STRS -1.079E+07-1.078E+07-1.078E+07 6.854E+01-7.755E+01-1.106E+03
ELEM 5250
STRS -1.079E+07-1.078E+07-1.078E+07 1.903E+01 4.675E+01-1.141E+03
ELEM 5251
STRS -1.079E+07-1.078E+07-1.078E+07 1.046E+02 9.428E+01-3.356E+03
ELEM 5252
STRS -1.079E+07-1.078E+07-1.078E+07 4.645E+01 5.218E+01-3.645E+03
ELEM 5253
STRS -1.078E+07-1.078E+07-1.078E+07 5.487E+01 5.898E+01-1.657E+03
ELEM 5254
STRS -1.078E+07-1.078E+07-1.078E+07 1.386E+02 1.735E+02-1.656E+03
ELEM 5255
STRS -1.078E+07-1.078E+07-1.078E+07 1.270E+02 3.160E+02-1.776E+03
ELEM 5256
STRS -1.078E+07-1.078E+07-1.078E+07 2.181E+02-1.825E+03
ELEM 5251
STRS -1.078E+07-1.078E+07-1.078E+07-1.893E+00 1.382E+01-1.919E+02
ELEM 5262
STRS -1.078E+07-1.078E+07-1.078E+07 2.210E+01 4.759E+01-2.278E+02
ELEM 5263
STRS -1.078E+07-1.078E+07-1.078E+07 5.752E+01 2.871E+01-1.272E+02
ELEM 5264
STRS -1.078E+07-1.078E+07-1.078E+07-1.177E+01-1.050E+02-3.658E+01
ELEM 5265
STRS -1.078E+07-1.078E+07-1.078E+07-2.141E+01 4.494E+01-1.144E+02
ELEM 5266
STRS -1.078E+07-1.078E+07-1.078E+07-3.375E+01 2.547E+01-1.421E+02
ELEM 5267
STRS -1.078E+07-1.078E+07-1.078E+07-3.084E+01 6.603E+01-1.615E+02
ELEM 5268
STRS -1.078E+07-1.078E+07-1.078E+07-2.372E+01 3.258E+01-6.758E+01
ELEM 5269
STRS -1.078E+07-1.078E+07-1.078E+07 9.512E+00 3.530E+01 1.139E+02
ELEM 5270
STRS -1.078E+07-1.078E+07-1.078E+07 2.224E+01 1.042E+02 1.223E+02
ELEM 5271
STRS -1.078E+07-1.078E+07-1.078E+07 1.118E+01 1.184E+02 1.355E+02
ELEM 5272
STRS -1.078E+07-1.078E+07-1.078E+07 1.736E+01 2.046E+02
ELEM 5273
STRS -1.081E+07-1.078E+07-1.079E+07-2.830E+02 1.200E+03-4.774E+04
ELEM 5274
STRS -1.081E+07-1.078E+07-1.079E+07-1.055E+03 3.376E+03-4.877E+04
ELEM 5275
STRS -1.081E+07-1.078E+07-1.079E+07-9.284E+02 4.107E+03-5.190E+04
ELEM 5276
STRS -1.081E+07-1.078E+07-1.078E+07-5.659E+02 2.305E+03-5.849E+04
ELEM 5277
STRS -1.079E+07-1.077E+07-1.085E+07-2.052E+02 1.902E+03-2.512E+04
ELEM 5278
STRS -1.079E+07-1.077E+07-1.085E+07-4.729E+02 5.324E+03-2.556E+04
ELEM 5279
STRS -1.079E+07-1.077E+07-1.084E+07-9.769E+02 8.171E+03-2.756E+04
ELEM 5280
STRS -1.079E+07-1.078E+07-1.084E+07-7.507E+02 5.048E+03-3.347E+04
ELEM 5281
STRS -1.080E+07-1.078E+07-1.079E+07-2.248E+02 5.967E+02-3.324E+04
ELEM 5282
STRS -1.080E+07-1.078E+07-1.079E+07-7.260E+02 1.667E+03-3.392E+04
ELEM 5283

STRS -1.080E+07-1.078E+07-1.078E+07-7.829E+02 2.070E+03-3.606E+04
ELEM 5284
STRS -1.081E+07-1.078E+07-1.078E+07-3.253E+02 1.048E+03-4.040E+04
ELEM 5285
STRS -1.079E+07-1.077E+07-1.082E+07-1.386E+02 1.057E+03-1.748E+04
ELEM 5286
STRS -1.079E+07-1.077E+07-1.082E+07-3.445E+02 2.942E+03-1.777E+04
ELEM 5287
STRS -1.079E+07-1.078E+07-1.082E+07-6.732E+02 4.348E+03-1.908E+04
ELEM 5288
STRS -1.079E+07-1.078E+07-1.082E+07-5.505E+02 2.448E+03-2.274E+04
ELEM 5289
STRS -1.080E+07-1.078E+07-1.078E+07-1.243E+02 2.153E+02-2.038E+04
ELEM 5290
STRS -1.080E+07-1.078E+07-1.078E+07-3.671E+02 5.053E+02-2.068E+04
ELEM 5291
STRS -1.080E+07-1.078E+07-1.078E+07-5.242E+02 6.560E+02-2.180E+04
ELEM 5292
STRS -1.080E+07-1.078E+07-1.079E+07-1.773E+02 2.573E+02-2.422E+04
ELEM 5293
STRS -1.078E+07-1.078E+07-1.080E+07-7.624E+01 3.759E+02-9.430E+03
ELEM 5294
STRS -1.078E+07-1.078E+07-1.080E+07-2.250E+02 1.031E+03-9.602E+03
ELEM 5295
STRS -1.078E+07-1.078E+07-1.080E+07-4.395E+02 1.513E+03-1.028E+04
ELEM 5296
STRS -1.078E+07-1.078E+07-1.080E+07-3.803E+02 8.979E+02-1.208E+04
ELEM 5297
STRS -1.079E+07-1.078E+07-1.078E+07-8.755E+01 2.249E+01-1.181E+04
ELEM 5298
STRS -1.079E+07-1.078E+07-1.078E+07-2.475E+02 8.352E+01-1.196E+04
ELEM 5299
STRS -1.079E+07-1.078E+07-1.078E+07-3.371E+02-1.273E+02-1.254E+04
ELEM 5300
STRS -1.079E+07-1.078E+07-1.078E+07-2.472E+02-2.415E+02-1.378E+04
ELEM 5301
STRS -1.078E+07-1.078E+07-1.078E+07-6.783E+01 1.512E+01-4.590E+03
ELEM 5302
STRS -1.078E+07-1.078E+07-1.078E+07-1.893E+02 5.066E+01-4.674E+03
ELEM 5303
STRS -1.078E+07-1.078E+07-1.079E+07-3.122E+02 1.281E+01-4.960E+03
ELEM 5304
STRS -1.078E+07-1.078E+07-1.079E+07-2.458E+02 6.577E+01-5.571E+03
ELEM 5309
STRS -1.079E+07-1.078E+07-1.078E+07-6.973E+01 4.208E+01-6.867E+03
ELEM 5310
STRS -1.079E+07-1.078E+07-1.078E+07-1.424E+02-6.958E+01-6.831E+03
ELEM 5311
STRS -1.079E+07-1.078E+07-1.077E+07-1.441E+02-1.523E+02-5.168E+03
ELEM 5312
STRS -1.080E+07-1.078E+07-1.077E+07 8.789E+01-1.523E+02-1.911E+03
ELEM 5313
STRS -1.080E+07-1.078E+07-1.077E+07-9.889E+01 8.551E+01-2.483E+03
ELEM 5314
STRS -1.079E+07-1.078E+07-1.078E+07-2.853E+02 2.251E+01-7.072E+03
ELEM 5315
STRS -1.080E+07-1.078E+07-1.077E+07-7.262E+01 6.358E+01-2.595E+03
ELEM 5316
STRS -1.079E+07-1.078E+07-1.078E+07-1.814E+02 6.687E+01-7.674E+03
ELEM 5321
STRS -1.079E+07-1.078E+07-1.078E+07-2.197E+01 2.959E+01-3.320E+03
ELEM 5322
STRS -1.079E+07-1.078E+07-1.078E+07-2.108E+02 7.868E+01-3.335E+03
ELEM 5323
STRS -1.079E+07-1.078E+07-1.078E+07 7.583E+01-7.259E+01-2.370E+03
ELEM 5324
STRS -1.079E+07-1.078E+07-1.078E+07 7.646E+01 1.096E+02-7.973E+02
ELEM 5325
STRS -1.079E+07-1.078E+07-1.078E+07-6.854E+01 7.755E+00-1.106E+03
ELEM 5326
STRS -1.073E+07-1.078E+07-1.078E+07-1.903E+01-4.675E+01-1.141E+03
ELEM 5327
STRS -1.079E+07-1.078E+07-1.078E+07-1.046E+02-9.428E+01-3.356E+03
ELEM 5328
STRS -1.079E+07-1.078E+07-1.078E+07-4.645E+01-5.218E+01-3.645E+03
ELEM 5329
STRS -1.078E+07-1.078E+07-1.078E+07-5.487E+01-5.898E+01-1.657E+03
ELEM 5330
STRS -1.078E+07-1.078E+07-1.078E+07-1.386E+02-1.735E+02-1.656E+03
ELEM 5331
STRS -1.078E+07-1.078E+07-1.078E+07-1.270E+02 3.160E+02-1.776E+03
ELEM 5332
STRS -1.078E+07-1.078E+07-1.078E+07-2.181E+02-1.825E+03
ELEM 5337
STRS -1.078E+07-1.078E+07-1.078E+07 1.893E+00-1.382E+01-1.919E+02
ELEM 5338
STRS -1.078E+07-1.078E+07-1.078E+07-2.210E+01-4.759E+01-2.278E+02
ELEM 5339
STRS -1.078E+07-1.078E+07-1.078E+07-5.752E+01-2.871E+01-1.272E+02
ELEM 5340

STRS -1.078E+07-1.078E+07-1.078E+07 7.177E+01 1.050E+02-3.658E+01
ELEM 5341
STRS -1.078E+07-1.078E+07-1.078E+07 2.141E+01-4.494E+01-1.144E+02
ELEM 5342
STRS -1.078E+07-1.078E+07-1.078E+07 3.375E+01-2.547E+01-1.421E+02
ELEM 5343
STRS -1.078E+07-1.078E+07-1.078E+07 3.084E+01-6.603E+01-1.615E+02
ELEM 5344
STRS -1.078E+07-1.078E+07-1.078E+07 2.372E+01-3.258E+01-6.758E+01
ELEM 5345
STRS -1.078E+07-1.078E+07-1.078E+07-9.512E+00-3.530E+01 1.139E+02
ELEM 5346
STRS -1.078E+07-1.078E+07-1.078E+07-2.224E+01-1.042E+02 1.223E+02
ELEM 5347
STRS -1.078E+07-1.078E+07-1.078E+07-1.118E+01-1.184E+02 1.365E+02
ELEM 5348
STRS -1.078E+07-1.078E+07-1.078E+07-7.766E+00-7.368E+01 2.014E+02
ELEM 5349
STRS -1.081E+07-1.078E+07-1.079E+07 2.830E+02 1.200E+03 4.774E+04
ELEM 5350
STRS -1.081E+07-1.078E+07-1.079E+07 1.055E+03 3.376E+03 4.877E+04
ELEM 5351
STRS -1.081E+07-1.078E+07-1.079E+07 9.284E+02 4.107E+03 5.190E+04
ELEM 5352
STRS -1.081E+07-1.078E+07-1.078E+07 5.659E+02 3.305E+03 5.849E+04
ELEM 5353
STRS -1.078E+07-1.077E+07-1.085E+07 2.062E+02 1.902E+03 2.512E+04
ELEM 5354
STRS -1.078E+07-1.077E+07-1.085E+07 4.228E+02 6.324E+03 2.655E+04
ELEM 5355
STRS -1.079E+07-1.077E+07-1.084E+07 9.769E+02 8.171E+03 2.755E+04
ELEM 5356
STRS -1.079E+07-1.078E+07-1.084E+07 7.507E+02 5.046E+03 3.347E+04
ELEM 5357
STRS -1.080E+07-1.078E+07-1.079E+07 2.248E+02 5.967E+02 3.324E+04
ELEM 5358
STRS -1.080E+07-1.078E+07-1.079E+07 7.260E+02 1.667E+03 3.392E+04
ELEM 5359
STRS -1.080E+07-1.078E+07-1.078E+07 7.829E+02 2.070E+03 3.605E+04
ELEM 5360
STRS -1.081E+07-1.078E+07-1.078E+07 3.253E+02 1.048E+03 4.040E+04
ELEM 5361
STRS -1.079E+07-1.077E+07-1.082E+07 1.380E+02 1.057E+03 1.745E+04
ELEM 5362
STRS -1.079E+07-1.077E+07-1.082E+07 3.449E+02 2.942E+03 1.777E+04
ELEM 5363
STRS -1.079E+07-1.078E+07-1.082E+07 6.732E+02 4.348E+03 1.905E+04
ELEM 5364
STRS -1.079E+07-1.078E+07-1.082E+07 5.605E+02 2.448E+03 2.274E+04
ELEM 5365
STRS -1.080E+07-1.078E+07-1.078E+07 1.243E+02 2.153E+02 2.036E+04
ELEM 5366
STRS -1.080E+07-1.078E+07-1.078E+07 3.671E+02 5.063E+02 2.068E+04
ELEM 5367
STRS -1.080E+07-1.078E+07-1.078E+07 6.242E+02 6.560E+02 2.180E+04
ELEM 5368
STRS -1.080E+07-1.078E+07-1.079E+07 1.773E+02 2.673E+02 2.422E+04
ELEM 5369
STRS -1.078E+07-1.078E+07-1.080E+07 7.624E+01 3.759E+02 9.430E+03
ELEM 5370
STRS -1.078E+07-1.078E+07-1.080E+07 2.250E+02 1.031E+03 9.602E+03
ELEM 5371
STRS -1.078E+07-1.078E+07-1.080E+07 4.395E+02 5.513E+03 1.026E+04
ELEM 5372
STRS -1.078E+07-1.078E+07-1.080E+07 3.803E+02 8.975E+02 1.208E+04
ELEM 5373
STRS -1.079E+07-1.078E+07-1.078E+07 8.758E+01 2.249E+01 1.181E+04
ELEM 5374
STRS -1.079E+07-1.078E+07-1.078E+07 2.475E+02 8.352E+01 1.196E+04
ELEM 5375
STRS -1.079E+07-1.078E+07-1.078E+07 3.371E+02-1.273E+02 1.264E+04
ELEM 5376
STRS -1.079E+07-1.078E+07-1.078E+07 2.472E+02-2.415E+02 1.378E+04
ELEM 5377
STRS -1.078E+07-1.078E+07-1.079E+07 6.783E+01 1.512E+01 4.590E+03
ELEM 5378
STRS -1.078E+07-1.078E+07-1.079E+07 1.833E+02 5.065E+01 4.674E+03
ELEM 5379
STRS -1.078E+07-1.078E+07-1.079E+07 3.122E+02 1.281E+01 4.960E+03
ELEM 5380
STRS -1.078E+07-1.078E+07-1.079E+07 2.458E+02-6.577E+01 5.571E+03
ELEM 5381
STRS -1.079E+07-1.078E+07-1.078E+07 6.973E+01-4.208E+01 6.867E+03
ELEM 5382
STRS -1.079E+07-1.078E+07-1.078E+07 1.424E+02-6.958E+01 6.831E+03
ELEM 5383
STRS -1.079E+07-1.078E+07-1.077E+07 1.441E+02-1.623E+02 5.168E+03
ELEM 5384
STRS -1.080E+07-1.078E+07-1.077E+07-8.785E+01-1.523E+02 1.911E+03
ELEM 5389

STRS -1.080E+07-1.078E+07-1.077E+07 9.899E+01 8.551E+01 2.483E+03
ELEM 5390
STRS -1.079E+07-1.078E+07-1.078E+07 2.853E+02-2.251E+01 7.072E+03
ELEM 5391
STRS -1.080E+07-1.087E+07-1.087E+07 7.262E+01 6.358E+01 2.596E+03
ELEM 5392
STRS -1.079E+07-1.078E+07-1.078E+07 1.814E+02 6.667E+01 7.574E+03
ELEM 5393
STRS -1.079E+07-1.078E+07-1.078E+07 2.197E+01-2.859E+01 3.320E+03
ELEM 5398
STRS -1.079E+07-1.078E+07-1.078E+07 2.108E+02-7.868E+01 3.335E+03
ELEM 5399
STRS -1.079E+07-1.078E+07-1.078E+07-7.583E+01-7.259E+01 2.370E+03
ELEM 5400
STRS -1.079E+07-1.078E+07-1.078E+07-7.646E+01-1.096E+02 7.973E+02
ELEM 5401
STRS -1.079E+07-1.078E+07-1.078E+07 6.854E+01 7.755E+00 1.106E+03
ELEM 5402
STRS -1.079E+07-1.078E+07-1.078E+07 1.903E+01-4.675E-01 1.141E+03
ELEM 5403
STRS -1.079E+07-1.078E+07-1.078E+07 1.046E+02-9.428E+01 3.356E+03
ELEM 5404
STRS -1.079E+07-1.078E+07-1.078E+07 4.645E+01-5.218E+01 3.545E+03
ELEM 5405
STRS -1.078E+07-1.078E+07-1.078E+07 5.487E+01-5.898E+01 1.657E+03
ELEM 5406
STRS -1.078E+07-1.078E+07-1.078E+07 1.386E+01-1.735E+02 1.695E+03
ELEM 5407
STRS -1.078E+07-1.078E+07-1.078E+07 1.270E+02-3.160E+02 1.776E+03
ELEM 5408
STRS -1.078E+07-1.078E+07-1.078E+07 7.613E+01-2.181E+02 1.825E+03
ELEM 5413
STRS -1.078E+07-1.078E+07-1.078E+07-1.893E+00-1.382E+01 1.913E+02
ELEM 5414
STRS -1.078E+07-1.078E+07-1.078E+07 2.210E+01-4.759E+01 2.278E+02
ELEM 5415
STRS -1.078E+07-1.078E+07-1.078E+07-6.762E+01-2.871E+01 1.272E+02
ELEM 5416
STRS -1.078E+07-1.078E+07-1.078E+07-7.172E+01 1.050E+02 3.658E+01
ELEM 5417
STRS -1.078E+07-1.078E+07-1.078E+07-2.141E+01-4.494E+01 1.144E+02
ELEM 5418
STRS -1.078E+07-1.078E+07-1.078E+07-3.375E+01-2.547E+01 1.421E+02
ELEM 5419
STRS -1.078E+07-1.078E+07-1.078E+07-3.084E+01-6.603E+01 1.615E+02
ELEM 5420
STRS -1.078E+07-1.078E+07-1.078E+07-2.372E+01-3.268E+01 5.758E+01
ELEM 5421
STRS -1.078E+07-1.078E+07-1.078E+07 9.512E+00-3.530E+01-1.139E+02
ELEM 5422
STRS -1.078E+07-1.078E+07-1.078E+07 2.224E+01-1.042E+02-1.223E+02
ELEM 5423
STRS -1.078E+07-1.078E+07-1.078E+07 1.118E+01-1.184E+02-1.365E+02
ELEM 5424
STRS -1.078E+07-1.078E+07-1.078E+07 7.766E+00-7.368E+01-2.014E+02
ELEM 4001
STRS -8.389E+06-8.864E+06-1.118E+07 8.577E+01-9.408E+03-2.660E+04
ELEM 4002
STRS -8.389E+06-8.864E+06-1.118E+07 1.222E+02-2.514E+04-2.008E+04
ELEM 4003
STRS -8.389E+06-8.865E+06-1.118E+07 1.601E+02-3.413E+04-1.109E+04
ELEM 4004
STRS -8.389E+06-8.864E+06-1.118E+07 1.228E+02-3.736E+04-3.322E+03
ELEM 4005
STRS -8.389E+06-8.864E+06-1.118E+07-1.601E+02-3.413E+04-1.109E+04
ELEM 4006
STRS -8.389E+06-8.864E+06-1.118E+07-1.222E+02-2.514E+04-2.008E+04
ELEM 4007
STRS -8.389E+06-8.864E+06-1.118E+07-1.222E+02-2.514E+04-2.008E+04
ELEM 4008
STRS -8.389E+06-8.864E+06-1.118E+07-8.580E+01-9.408E+03-2.660E+04
ELEM 4009
STRS -8.389E+06-8.864E+06-1.118E+07 8.577E+01 9.408E+03 2.660E+04
ELEM 4010
STRS -8.389E+06-8.864E+06-1.118E+07 1.222E+02 2.514E+04 2.008E+04
ELEM 4011
STRS -8.389E+06-8.865E+06-1.118E+07 1.601E+02 3.413E+04 1.109E+04
ELEM 4012
STRS -8.389E+06-8.864E+06-1.118E+07 1.228E+02 3.736E+04 3.322E+03
ELEM 4013
STRS -8.389E+06-8.864E+06-1.118E+07-1.228E+02 3.736E+04-3.322E+03
ELEM 4014
STRS -8.389E+06-8.865E+06-1.118E+07-1.601E+02 3.413E+04-1.109E+04
ELEM 4015
STRS -8.389E+06-8.864E+06-1.118E+07-1.222E+02 2.514E+04-2.008E+04
ELEM 4016
STRS -8.389E+06-8.864E+06-1.118E+07-8.580E+01 9.408E+03-2.660E+04
ELEM 4161
STRS -1.016E+07-1.087E+07-1.031E+07 1.049E+02 3.429E+03-7.582E+03
ELEM 4162

STRS -1.016E+07-1.087E+07-1.031E+07 1.349E+02 7.812E+03-9.398E+03
ELEM 4163
STRS -1.016E+07-1.087E+07-1.031E+07 1.223E+02 7.520E+03-9.102E+03
ELEM 4164
STRS -1.016E+07-1.087E+07-1.031E+07 9.026E+01 5.370E+03-3.897E+03
ELEM 4165
STRS -1.016E+07-1.087E+07-1.031E+07-9.029E+01 5.370E+03 3.897E+03
ELEM 4166
STRS -1.016E+07-1.087E+07-1.031E+07-1.222E+02 7.520E+03 9.102E+03
ELEM 4167
STRS -1.016E+07-1.087E+07-1.031E+07-1.348E+02 7.812E+03 9.398E+03
ELEM 4168
STRS -1.016E+07-1.087E+07-1.031E+07 1.049E+02 3.429E+03 7.582E+03
ELEM 4169
STRS -1.016E+07-1.087E+07-1.031E+07 1.049E+02 3.429E+03 7.582E+03
ELEM 4170
STRS -1.016E+07-1.087E+07-1.031E+07 1.349E+02-7.812E+03 9.398E+03
ELEM 4171
STRS -1.016E+07-1.087E+07-1.031E+07 1.223E+02-7.520E+03 9.102E+03
ELEM 4172
STRS -1.016E+07-1.087E+07-1.031E+07 9.026E+01-5.370E+03 3.897E+03
ELEM 4173
STRS -1.016E+07-1.087E+07-1.031E+07-9.029E+01-5.370E+03-3.897E+03
ELEM 4174
STRS -1.016E+07-1.087E+07-1.031E+07-1.222E+02-7.520E+03-9.102E+03
ELEM 4175
STRS -1.016E+07-1.087E+07-1.031E+07-1.348E+02-7.812E+03-9.398E+03
ELEM 4176
STRS -1.016E+07-1.087E+07-1.031E+07-1.050E+02-3.429E+03-7.582E+03
ELEM 4321
STRS -1.068E+07-1.101E+07-1.039E+07-1.088E+01 6.409E+03 5.174E+03
ELEM 4322
STRS -1.068E+07-1.101E+07-1.039E+07-2.384E+01 1.363E+04 1.759E+03
ELEM 4323
STRS -1.068E+07-1.101E+07-1.039E+07-6.513E+01 1.671E+04-1.321E+03
ELEM 4324
STRS -1.068E+07-1.101E+07-1.039E+07-4.590E+01 1.661E+04-1.087E+03
ELEM 4325
STRS -1.068E+07-1.101E+07-1.039E+07 4.588E+01 1.661E+04 1.087E+03
ELEM 4326
STRS -1.068E+07-1.101E+07-1.039E+07 5.515E+01 1.671E+04 1.321E+03
ELEM 4327
STRS -1.068E+07-1.101E+07-1.039E+07 2.385E+01 1.363E+04-1.759E+03
ELEM 4328
STRS -1.068E+07-1.101E+07-1.039E+07 1.088E+01 5.400E+03-5.174E+03
ELEM 4329
STRS -1.068E+07-1.101E+07-1.039E+07-1.088E+01-5.400E+03-5.174E+03
ELEM 4330
STRS -1.068E+07-1.101E+07-1.039E+07-2.384E+01-1.363E+04-1.759E+03
ELEM 4331
STRS -1.068E+07-1.101E+07-1.039E+07-5.513E+01-1.671E+04 1.321E+03
ELEM 4332
STRS -1.068E+07-1.101E+07-1.039E+07-4.590E+01-1.661E+04 1.087E+03
ELEM 4333
STRS -1.068E+07-1.101E+07-1.039E+07 4.588E+01-1.661E+04-1.087E+03
ELEM 4334
STRS -1.068E+07-1.101E+07-1.039E+07 5.515E+01-1.671E+04-1.321E+03
ELEM 4335
STRS -1.068E+07-1.101E+07-1.039E+07 2.385E+01-1.363E+04 1.759E+03
ELEM 4336
STRS -1.068E+07-1.101E+07-1.039E+07 1.088E+01-5.400E+03 5.174E+03
ELEM 5153
STRS -1.080E+07-1.078E+07-1.077E+07 1.974E+01 3.739E+01 2.674E+03
ELEM 5154
STRS -1.080E+07-1.078E+07-1.077E+07 6.313E+01 2.570E+02 2.647E+03
ELEM 5155
STRS -1.080E+07-1.078E+07-1.077E+07-3.826E+02-6.100E+02 2.973E+03
ELEM 5156
STRS -1.080E+07-1.078E+07-1.077E+07-2.739E+01 8.958E+02 1.298E+03
ELEM 5165
STRS -1.079E+07-1.078E+07-1.078E+07 5.504E+01 1.208E+00 1.349E+03
ELEM 5166
STRS -1.079E+07-1.078E+07-1.078E+07 2.865E+02-7.037E+00 1.349E+03
ELEM 5167
STRS -1.079E+07-1.078E+07-1.078E+07-1.549E+02-2.353E+02 1.431E+03
ELEM 5168
STRS -1.079E+07-1.078E+07-1.078E+07-6.140E+01 5.466E+02 5.264E+02
ELEM 5181
STRS -1.078E+07-1.078E+07-1.078E+07 6.164E+00-3.890E+01 1.770E+02
ELEM 5182
STRS -1.078E+07-1.078E+07-1.078E+07 5.358E+01-1.198E+02 1.834E+02
ELEM 5183
STRS -1.078E+07-1.078E+07-1.078E+07-9.118E+01 6.589E+01 1.111E+02
ELEM 5184
STRS -1.078E+07-1.078E+07-1.078E+07-3.000E+00 3.281E+01 1.534E+02
ELEM 5229
STRS -1.080E+07-1.078E+07-1.077E+07-1.974E+01 3.739E+01-2.674E+03
ELEM 5230
STRS -1.080E+07-1.078E+07-1.077E+07-6.313E+01 2.570E+02-2.647E+03
ELEM 5231

STRS	-1.080E+07-1.078E+07-1.077E+07 3.826E+02-6.101E+02-2.973E+03
ELEM	5232
STRS	-1.080E+07-1.078E+07-1.077E+07 2.739E+01 8.958E+02-1.298E+03
ELEM	5241
STRS	-1.079E+07-1.078E+07-1.078E+07-5.504E+01 1.208E+00-1.349E+03
ELEM	5242
STRS	-1.078E+07-1.078E+07-1.078E+07-2.866E+02-7.037E+00-1.349E+03
ELEM	5243
STRS	-1.079E+07-1.078E+07-1.078E+07 1.549E+02-2.353E+02-1.431E+03
ELEM	5244
STRS	-1.079E+07-1.078E+07-1.078E+07 6.140E+01 5.466E+02-5.264E+02
ELEM	5257
STRS	-1.078E+07-1.078E+07-1.078E+07-6.164E+00-3.890E+01-1.770E+02
ELEM	5258
STRS	-1.078E+07-1.078E+07-1.078E+07-5.358E+01-1.198E+02-1.834E+02
ELEM	5259
STRS	-1.078E+07-1.078E+07-1.078E+07 9.118E+01 6.589E+01-1.111E+02
ELEM	5260
STRS	-1.078E+07-1.078E+07-1.078E+07 3.000E+00 3.281E+01-1.534E+02
ELEM	5305
STRS	-1.080E+07-1.078E+07-1.077E+07 1.974E+01-3.739E+01-2.674E+03
ELEM	5306
STRS	-1.080E+07-1.078E+07-1.077E+07 6.313E+01-2.670E+02-2.647E+03
ELEM	5307
STRS	-1.080E+07-1.078E+07-1.077E+07-3.826E+02 6.100E+02-2.973E+03
ELEM	5308
STRS	-1.080E+07-1.078E+07-1.077E+07-2.739E+01-8.958E+02-1.298E+03
ELEM	5317
STRS	-1.078E+07-1.078E+07-1.078E+07 5.504E+01-1.208E+00-1.349E+03
ELEM	5318
STRS	-1.078E+07-1.078E+07-1.078E+07 2.866E+02 7.037E+00-1.349E+03
ELEM	5319
STRS	-1.078E+07-1.078E+07-1.078E+07-1.549E+02 2.353E+02-1.431E+03
ELEM	5320
STRS	-1.078E+07-1.078E+07-1.078E+07-6.140E+01-5.466E+02-5.264E+02
ELEM	5333
STRS	-1.078E+07-1.078E+07-1.078E+07 6.164E+00 3.890E+01-1.770E+02
ELEM	5334
STRS	-1.078E+07-1.078E+07-1.078E+07 5.358E+01 1.198E+02-1.834E+02
ELEM	5335
STRS	-1.078E+07-1.078E+07-1.078E+07-9.118E+01-6.589E+01-1.111E+02
ELEM	5376
STRS	-1.078E+07-1.078E+07-1.078E+07-3.000E+00-3.281E+01-1.534E+02
ELEM	5381
STRS	-1.080E+07-1.078E+07-1.077E+07-1.974E+01-3.739E+01-2.674E+03
ELEM	5382
STRS	-1.080E+07-1.078E+07-1.077E+07-6.313E+01-2.670E+02-2.647E+03
ELEM	5383
STRS	-1.080E+07-1.078E+07-1.077E+07 3.826E+02 6.101E+02-2.973E+03
ELEM	5384
STRS	-1.080E+07-1.078E+07-1.077E+07 2.739E+01-8.958E+02-1.298E+03
ELEM	5385
STRS	-1.078E+07-1.078E+07-1.078E+07-5.504E+01-1.208E+00-1.349E+03
ELEM	5394
STRS	-1.078E+07-1.078E+07-1.078E+07-2.866E+02 7.037E+00-1.349E+03
ELEM	5396
STRS	-1.078E+07-1.078E+07-1.078E+07 1.549E+02 2.353E+02-1.431E+03
ELEM	5396
STRS	-1.078E+07-1.078E+07-1.078E+07 6.140E+01-5.466E+02-5.264E+02
ELEM	5409
STRS	-1.078E+07-1.078E+07-1.078E+07-6.164E+00 3.890E+01-1.770E+02
ELEM	5410
STRS	-1.078E+07-1.078E+07-1.078E+07-5.358E+01 1.198E+02-1.834E+02
ELEM	5411
STRS	-1.078E+07-1.078E+07-1.078E+07 9.118E+01-6.589E+01-1.111E+02
ELEM	5412
STRS	-1.078E+07-1.078E+07-1.078E+07 3.000E+00-3.281E+01-1.534E+02
PDIST	
DISP	6010 VV 101
DISP	6060 VV 101
DISP	6519 VV 101
DISP	6569 VV 101
DISP	6010 VV 101
DISP	9415 VV 101
DISP	9419 VV 101
DISP	9423 VV 101
DISP	10100 VV 101
DISP	11060 VV 101
DISP	11219 VV 101
DISP	11269 VV 101
DISP	14010 VV 101
DISP	15010 VV 101
DISP	15050 VV 101
DISP	15519 VV 101
DISP	15569 VV 101
FDIS	
DISP	0.512 101
DISP	1.482 101
EDIS	
STRS	0.512

STRS	1.482
STEN	0.512
STEN	1.482
END	