

Supporting Information

Structure and Activity of Potential-dependent Pt(110) Surface Phases Revealed from Machine-learning Atomic Simulation

Ya-Hui Fang^{a,*}, Dan-dan Song^a, Hui-xia Li^a, and Zhi-Pan Liu^{b,*}

^aSchool of Chemical and Environmental Engineering, Shanghai Institute of Technology, Shanghai 201418, China; ^bCollaborative Innovation Center of Chemistry for Energy Material, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Key Laboratory of Computational Physical Science (Ministry of Education), Department of Chemistry, Fudan University, Shanghai 200433, China

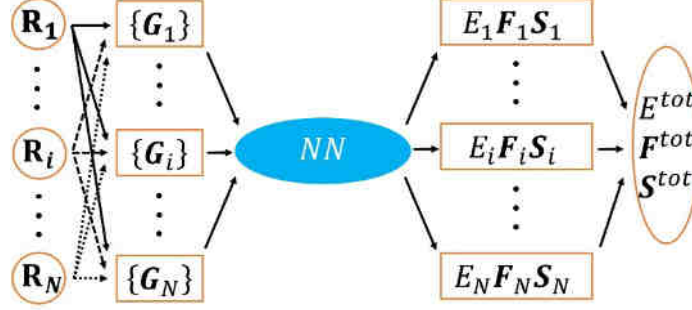
*huihuifang@sit.edu.cn, zpliu@fudan.edu.cn

Table of Contents

- 1. Theoretical Methods and Calculation detail**
- 2. The surface structures and related properties of Pt(110) surfaces**
- 3. XYZ coordinates for the configurations in Figure 1**

1. Theoretical Methods and Calculation detail

1.1 Architecture of neural network potential



Scheme S1. Scheme of the HDNN architecture. The subscripts (1, i, \dots, N) are atom indices and represent the total atoms in a structure. The inputs of NN are a set of structural descriptors $\{G\}$, which are constructed from the Cartesian coordinates $\{R\}$ of the structure, while the outputs of NN are the atomic properties $\{E_i, F_i, S_i\}$, i.e., energies, forces, and stresses. The overall properties, E^{tot} , F^{tot} , and S^{tot} , can be calculated from the individual atomic contributions.

In this work, we utilized the high dimensional neural network (HDNN) scheme to construct the global NN (G-NN) potential, as shown in Scheme S1. The input nodes to NN are a set of structural descriptors of a structure, as detailedly discussed in our previous works.¹⁻³ The total energy E^{tot} of the structure can be composed as a linear combination of its atomic energy E^i from the output of NN

$$E^{tot} = \sum_i E_i \quad (1)$$

Consistently, the atomic force can be analytically derived from the total energy, i.e., the force component $F_{k,\alpha}$ ($\alpha = x, y, \text{ or } z$) acting on atom k is the derivative of the total energy E^{tot} with respect to coordinate $R_{k,\alpha}$. In combination with Eq. 1, the force component $F_{k,\alpha}$ then is related to the derivatives of the atomic energy E^i with respect to the j^{th} structural descriptors of atom i , $G_{j,i}$

$$F_{k,\alpha} = -\frac{\partial E^{tot}}{\partial R_{k,\alpha}} = -\sum_{i,j} \frac{\partial E_i}{\partial G_{j,i}} \frac{\partial G_{j,i}}{\partial R_{k,\alpha}} \quad (2)$$

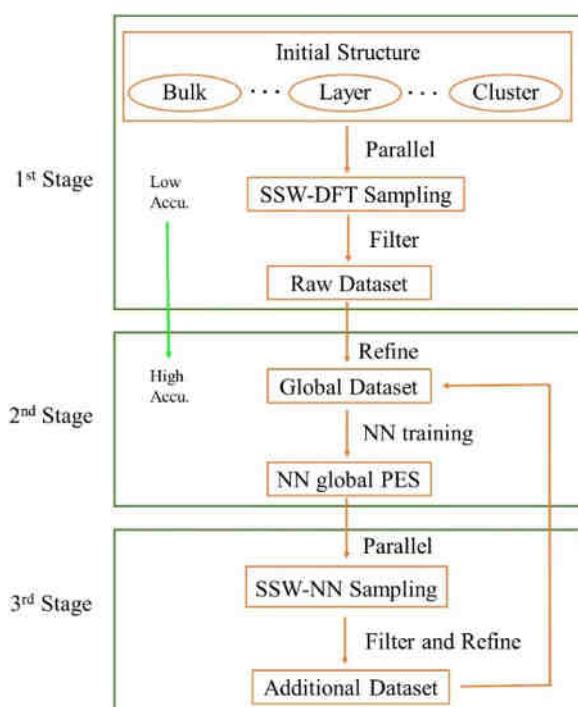
Similarly, the element $\sigma_{\alpha\beta}$ of static stress tensor matrix can be analytically derived as

$$\sigma_{\alpha\beta} = -\frac{1}{V} \sum_{i,j,d} \frac{(r_d)_\alpha (r_d)_\beta}{r_d} \frac{\partial E_i}{\partial G_{j,i}} \frac{\partial G_{j,i}}{\partial r_d} \quad (3)$$

where r_d and r_d are the distance vector, constituted by $G_{j,i}$ and its module, respectively, and V is the volume of the structure.

1.2 Generation of global dataset using SSW-NN

The quality of the potential energy surface (PES) of G-NN is largely determined by its training dataset. Here we utilized the stochastic surface walking (SSW) global optimization⁴⁻⁶ to generate a global dataset, which is fully automated and does not need a priori knowledge on the system, such as the structural motif, e.g. bonding patterns and symmetry. The final obtained Pt-H global dataset contains a variety of structural patterns on the global PES, as summarized in Table S1.



Scheme S2. Procedure for the generation of the global training dataset by SSW global optimization. In the first stage, the SSW sampling is typically performed by low accuracy DFT calculations. In the second stage, the global dataset is first refined with high accuracy DFT setups, and then a NN training is performed based on the accurate global dataset. In the third stage, an additional dataset is generated by SSW sampling utilizing the previously obtained NN PES, and is fed into the global dataset. A new cycle of NN training then starts based on the new global dataset (back to stage 2).

In brief, the SSW-NN method involves three stages to generate the global dataset (see Scheme S2), as described below.

(i) The first stage generates a raw dataset, which contains the most common atomic environment and serves to build an initial NN PES. This is done by performing density functional theory (DFT) SSW global optimization in a massively parallel way. In this stage, the

DFT calculations have low accuracy setups and small unit cells to speed up the SSW search. By collecting and screening the structures from SSW trajectories, a raw dataset is obtained.

(ii) The second stage trains a NN global PES. This is done by refining the dataset using DFT calculations with high accuracy setups, followed by NN training on the accurate global dataset (see our previous work⁷ for details). The NN architecture applied in this stage utilizes a small set of structural descriptors and a small network size.

(iii) The third stage iteratively expands the global dataset. It targets to increase the predictive power of NN PES by incorporating more structural patterns into the dataset. This is done by performing SSW PES search using the NN PES obtained in the second stage, starting from a variety of initial structures. These initial structures are randomly constructed, and also include large systems with many atoms per unit cell. The structures from all the SSW trajectories are collected and filtered to generate an additional dataset. The new dataset is then fed to the global dataset to start a new cycle of NN training (back to stage 2). Our final dataset for training the G-NN of Pt-H system contains 18264 structures, as detailed in Table S1.

To pursue a high accuracy for PES, we have adopted a large set of power-type structure descriptors (PTSDs), which contains 147 descriptors for every element with only power-type structure descriptors, including 84 two-body, 57 three-body, 6 four-body descriptors, and compatibly, the network utilized is also large involving three-hidden layers, equivalent to 20952 network parameters in total. Min-max scaling is utilized to normalization the training data sets. Hyperbolic tangent activation functions were used for the hidden layers, while a linear transformation was applied to the output layer of all networks. The limited-memory Broyden-Fletcher-Goldfarb-Shanno (L-BFGS) method is used to minimize the loss function to match DFT energy, force and stress. The final energy and force criterions of the root mean square errors are around 3.935 meV/atom and 0.095 eV/Å respectively.

Table S1. Structural information of the global PES dataset for G-NN potential training. The listed data is the number of structures in the dataset, as distinguished by chemical formula, the number of atoms per cell (N_{atm}), and the type of the structure, including cluster (N_{cls}), layer (N_{lay}), and bulk (N_{bul}). The total number of the structures (N_{tot}) is also summarized.

Chem. Formula	N_{atm}	N_{cls}	N_{lay}	N_{bul}	N_{tot}
Pt16	16	211	1	795	1007
Pt31	31	0	0	7	7
Pt32	32	0	3	12	15
H1-Pt15	16	0	0	365	365
H1-Pt23	24	0	7	32	39
H1-Pt26	27	0	17	0	17
H1-Pt27	28	0	18	0	18
H2-Pt14	16	0	69	626	695

H2-Pt27	29	0	24	22	46
H2-Pt28	30	0	29	0	29
H3-Pt26	29	0	34	0	34
H4-Pt12	16	2122	0	256	2378
H4-Pt17	21	0	0	170	170
H4-Pt20	24	0	28	0	28
H4-Pt24	28	0	28	0	28
H5-Pt16	21	0	182	38	220
H6-Pt10	16	0	0	360	360
H6-Pt15	21	0	286	5	291
H6-Pt25	31	0	134	0	134
H6-Pt26	32	95	72	106	273
H7-Pt25	32	0	0	117	117
H7-Pt36	43	0	9	0	9
H8-Pt8	16	2986	0	1462	4448
H8-Pt16	24	0	27	21	48
H8-Pt20	28	0	17	0	17
H8-Pt36	44	0	14	0	14
H9-Pt23	32	145	0	0	145
H9-Pt36	45	0	34	0	34
H10-Pt21	31	0	135	0	135
H10-Pt22	32	0	54	206	260
H10-Pt36	46	0	7	0	7
H11-Pt5	16	0	41	1334	1375
H11-Pt21	32	0	0	218	218
H12-Pt16	28	0	2	126	128
H12-Pt36	48	0	160	0	160
H13-Pt19	32	0	0	53	53
H14-Pt16	30	0	1	53	54
H14-Pt17	31	0	0	165	165
H14-Pt18	32	0	0	138	138
H15-Pt6	21	0	650	0	650
H15-Pt16	31	0	1	254	255
H15-Pt17	32	0	0	257	257
H16-Pt5	21	0	950	58	1008
H16-Pt16	32	0	1	507	508
H17-Pt15	32	0	0	140	140
H17-Pt36	53	0	179	0	179
H18-Pt13	31	0	0	80	80
H18-Pt36	54	0	324	0	324
H19-Pt13	32	0	0	64	64
H20-Pt36	56	0	178	0	178
H22-Pt36	58	0	60	0	60
H23-Pt8	31	0	255	85	340

H23-Pt9	32	0	234	132	366
H24-Pt8	32	0	62	114	176
Total	--	5559	4327	8378	18264

1.3 Benchmark of G-NN potential against DFT calculations

To examine the accuracy of the G-NN potential, we have calculated the total energy difference between G-NN and DFT for the representative surface structures of H44Pt144, H46Pt144, H48Pt144 and H50Pt144 for Type-Ib which shows the mean error between DFT energy and NN energy is 2.48 meV/atom. It is quite standard for NN potentials and accurate enough for searching the stable structure candidates. The details for the comparison between DFT and NN results can be found in **Table S2**.

Table S2. Benchmark of NN calculations for H_{θ_i} Pt systems as compared with DFT results. Listed data include the compositions, total atom number (N_{atom}), DFT energy, NN energy and energy differences between DFT energy and NN energy (E_{diff} , meV/atom).

composition	N_{atom}	DFT-en (eV)	NN-en (eV)	E_{diff} (meV/atom)
H44Pt144	188	-1013.0397	-1012.5612	2.54
H46Pt144	190	-1020.2338	-1019.7914	2.35
H48Pt144	192	-1027.2455	-1026.7984	2.38
H50Pt144	194	-1034.3624	-1033.8642	2.65

*Mean error between DFT energy and NN energy is 2.48 meV/atom.

1.4 Stochastic surface walking (SSW) global Structure Search

The potential energy surface (PES) of adsorbed H/Pt(110) was explored using SSW-NN global structure search. The SSW method is capable of surmounting the high barrier on PES and identifying low energy minima. The efficiency of the method for exploring PES has been demonstrated for both aperiodic (molecules,⁸ clusters⁹⁻¹¹) and periodic (surfaces,¹² crystals^{8, 13}) systems. The algorithm of the SSW global optimization method can be found in our previous.¹⁴⁻¹⁶ The key SSW parameters utilized are the same with those utilized previously for exploring PES of carbon and boron,^{11, 15} i.e. the Gaussian width being 0.6 Å, the number of Gaussian bias potential being 10.

The H/Pt(110) structure at different compositions has been investigated in the large ($x/24$ monolayer (ML) with $x = 1, 2, 3 \dots 25$) Pt(110) supercell periodic calculations by recently developed SSW-NN method. The NN simulation is at least 3~4 orders of magnitude faster than DFT, while keeping the accuracy in energy and force comparable with those from DFT. The combination of SSW with NN potential thus allows to fast obtain the global PES of more complex materials.¹⁵⁻¹⁶ The SSW-NN method to explore PES can be divided into three steps: (i) global dataset generation based on DFT calculations using selected structures from SSW simulation, (ii) G-NN potential fitting and (iii) SSW global optimization using G-NN

potential. These steps are iteratively performed until the NN potential is transferable and robust enough to describe the global PES and more details can be found in our previous work.¹⁷ The global minima at the key composition of H_{θ_i} Pt as identified from the SSW-NN simulation, where each composition is simulated in the unit cells of ~200 atoms and explored to cover more than 10^7 on PES by SSW. Thus, a large variety of structures have been obtained from SSW-NN simulation. All the low energy structure candidates from SSW-NN exploration are finally verified by DFT calculations with high accuracy setups.

1.5 DFT calculation on H/Pt(110) system

For the Pt(110) surfaces, we utilized $p(3\times 4)$ (24 atoms per layer) six-layer slabs with adsorbates on both sides of the surfaces. The solid-liquid interface was described using the periodic continuum solvation model based on the modified Poisson-Boltzmann equation (CM-MPB), which can take into account the solvation and potential effect.¹⁸⁻²⁰ The charged-slab DFT/CM-MPB method developed previously^{18, 20-21} are utilized to add explicit charge onto the surface and the neutralizing countercharge are added into solvation following the MPB equation. The addition of surface excess charge will shift the electrochemical potential of system (the potential difference between Fermi level and the potential in solution) and thus can be determined explicitly via DFT/CM-MPB method. It should be mentioned that DFT calculations have been utilized to validate the low energy structures and confirm the identified global minimum. All energetics reported in this work are from DFT without specifically mentioning.

References :

- (1) Huang, S.-D.; Shang, C.; Zhang, X.-J.; Liu, Z.-P. Material Discovery by Combining Stochastic Surface Walking Global Optimization with a Neural Network. *Chem. Sci.* **2017**, *8*, 6327-6337.
- (2) Huang, S.-D.; Shang, C.; Kang, P.-L.; Liu, Z.-P. Atomic Structure of Boron Resolved Using Machine Learning and Global Sampling. *Chem. Sci.* **2018**, *9*, 8644-8655.
- (3) Shang, C.; Huang, S.-D.; Liu, Z.-P. Massively Parallelization Strategy for Material Simulation Using High-Dimensional Neural Network Potential. *J. Comput. Chem.* **2019**, *40*, 1091-1096.
- (4) Shang, C.; Liu, Z.-P. Stochastic Surface Walking Method for Structure Prediction and Pathway Searching. *J. Chem. Theory Comput.* **2013**, *9*, 1838-1845.
- (5) Zhang, X.-J.; Shang, C.; Liu, Z.-P. From Atoms to Fullerene: Stochastic Surface Walking Solution for Automated Structure Prediction of Complex Material. *J. Chem. Theory Comput.* **2013**, *9*, 3252-3260.

- (6) Shang, C.; Zhang, X.-J.; Liu, Z.-P. Stochastic Surface Walking Method for Crystal Structure and Phase Transition Pathway Prediction. *Phys. Chem. Chem. Phys.* **2014**, *16*, 17845-17856.
- (7) Ma, S.; Shang, C.; Liu, Z.-P. Heterogeneous Catalysis from Structure to Activity via SSW-NN Method. *J. Chem. Phys.* **2019**, *151*, 050901.
- (8) Guan, S. H.; Zhang, X. J.; Liu, Z. P. Energy Landscape of Zirconia Phase Transitions. *J. Am. Chem. Soc.* **2015**, *137*, 8010-8013.
- (9) Wei, G. F.; Liu, Z. P. Restructuring and Hydrogen Evolution on Pt Nanoparticle. *Chem. Sci.* **2015**, *6*, 1485-1490.
- (10) Wei, G. F.; Shang, C.; Liu, Z. P. Confined platinum nanoparticle in carbon nanotube: structure and oxidation. *Phys. Chem. Chem. Phys.* **2015**, *17*, 2078-2087.
- (11) Zhai, H. J.; Zhao, Y. F.; Li, W. L.; Chen, Q.; Bai, H.; Hu, H. S.; Piazza, Z. A.; Tian, W. J.; Lu, H. G.; Wu, Y. B.; et al. Observation of an all-boron fullerene. *Nat. Chem.* **2014**, *6*, 727-731.
- (12) Zhu, S. C.; Xie, S. H.; Liu, Z. P. Nature of Rutile Nuclei in Anatase-to-Rutile Phase Transition. *J. Am. Chem. Soc.* **2015**, *137*, 11532-11539.
- (13) Li, Y. F.; Zhu, S. C.; Liu, Z.-P. Reaction Network of Layer-to-Tunnel Transition of MnO₂. *J. Am. Chem. Soc.* **2016**, *138*, 5371-5379.
- (14) Shang, C.; Zhang, X. J.; Liu, Z. P. Stochastic surface walking method for crystal structure and phase transition pathway prediction. *Phys. Chem. Chem. Phys.* **2014**, *16*, 17845-17856.
- (15) Zhang, X. J.; Shang, C.; Liu, Z. P. From Atoms to Fullerene: Stochastic Surface Walking Solution for Automated Structure Prediction of Complex Material. *J. Chem. Theory Comput.* **2013**, *9*, 3252-3260.
- (16) Zhang, X. J.; Shang, C.; Liu, Z. P. Double-Ended Surface Walking Method for Pathway Building and Transition State Location of Complex Reactions. *J. Chem. Theory Comput.* **2013**, *9*, 5745-5753.
- (17) Huang, S.-D.; Shang, C.; Zhang, X.-J.; Liu, Z.-P. Material discovery by combining stochastic surface walking global optimization with a neural network. *Chem. Sci.* **2017**, *8*, 6327-6337.
- (18) Fang, Y. H.; Liu, Z. P. Mechanism and Tafel Lines of Electro-Oxidation of Water to Oxygen on RuO₂(110). *J. Am. Chem. Soc.* **2010**, *132*, 18214-18222.
- (19) Fang, Y.-H.; Wei, G.-F.; Liu, Z.-P. Catalytic Role of Minority Species and Minority Sites for Electrochemical Hydrogen Evolution on Metals: Surface Charging, Coverage, and Tafel Kinetics. *J. Phys. Chem. C* **2013**, *117*, 7669-7680.
- (20) Shang, C.; Liu, Z. P. Origin and Activity of Gold Nanoparticles as Aerobic Oxidation Catalysts in Aqueous Solution. *J. Am. Chem. Soc.* **2011**, *133*, 9938-9947.
- (21) Li, Y. F.; Liu, Z. P.; Liu, L. L.; Gao, W. G. Mechanism and Activity of Photocatalytic Oxygen Evolution on Titania Anatase in Aqueous Surroundings. *J. Am. Chem. Soc.* **2010**, *132*, 13008-13015.

2. The surface structures and related properties of Pt(110) surfaces

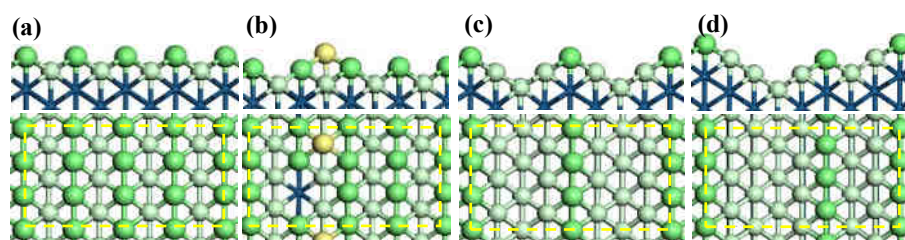


Figure S1. The side and top view of (a) *Type-Ia*, (b) *Type-Ib*, (c) *Type-II* and (d) *Type-III* electrodes respectively. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

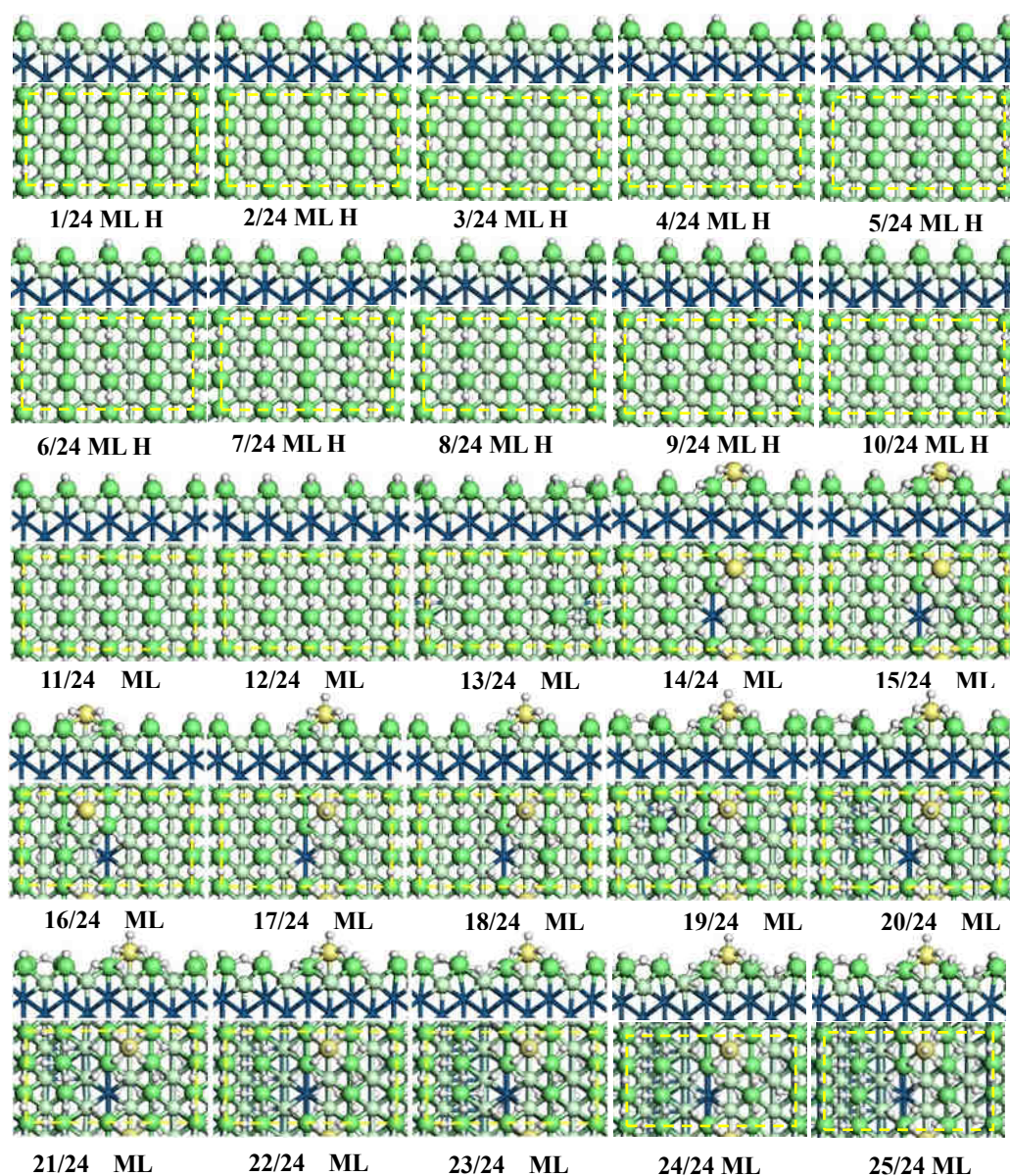


Figure S2. The optimized stable structure of different hydrogen coverages on *Type-I* surface. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

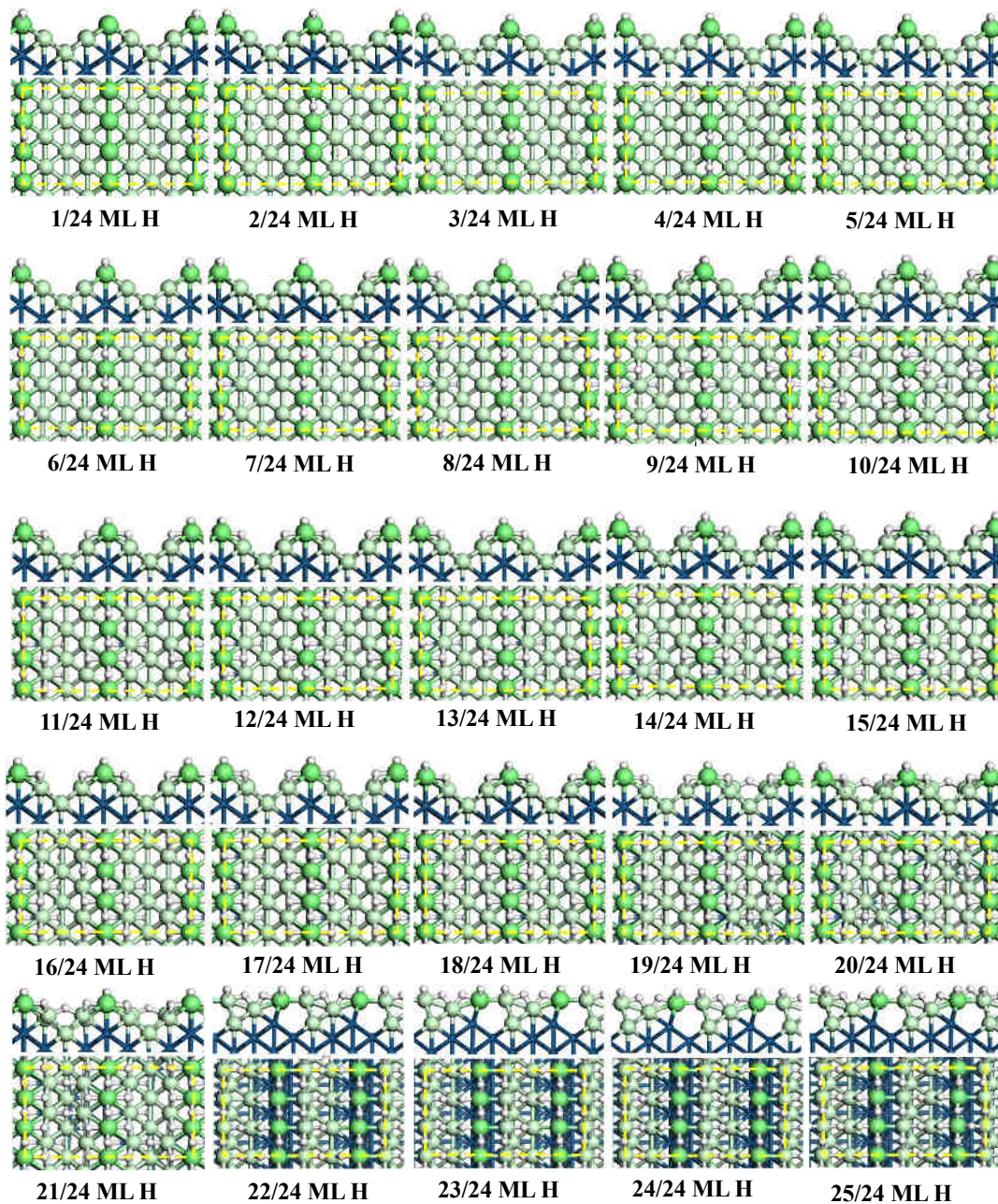


Figure S3. The optimized stable structure of different hydrogen coverage on *Type-II*. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

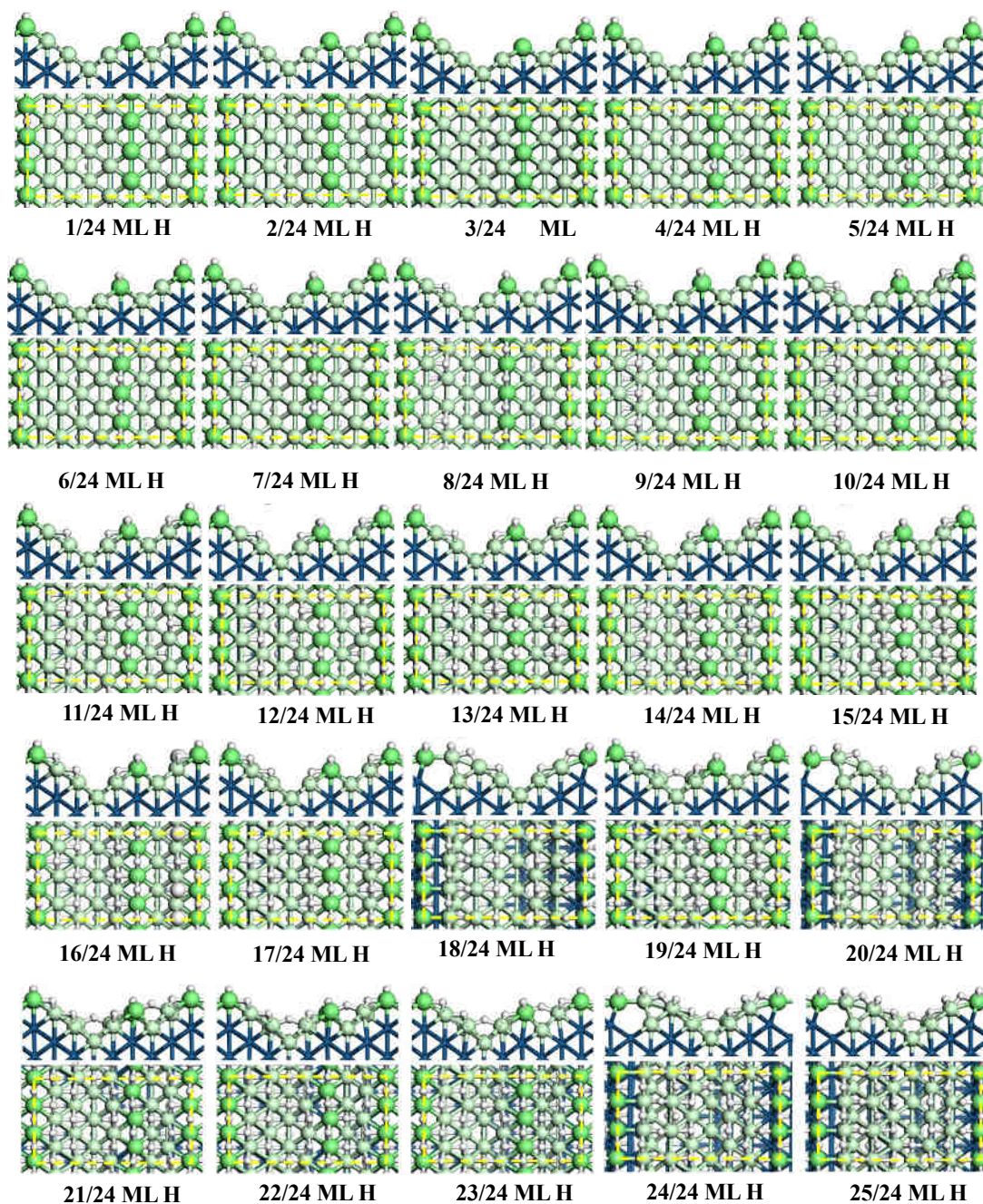


Figure S4. The optimized stable structure of different hydrogen coverage on *Type-III*. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

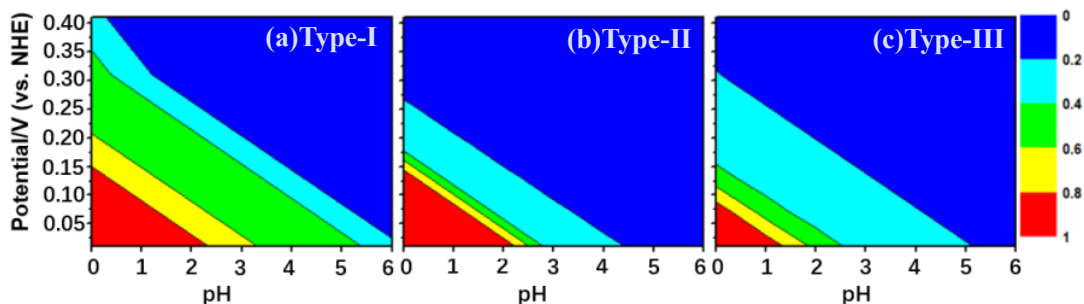


Figure S5. The Pourbaix diagrams of the three Type surfaces between pH=0 and pH=6.

The Pourbaix diagram has been calculated by the Eq. $\Delta G_{\theta_i}(U) = G(\theta_i) - G_{\text{sur}} - \frac{\theta_i}{2} G_{H_2} - eU + G_{\text{pH}}$, where the G_{pH} is the effect of pH.

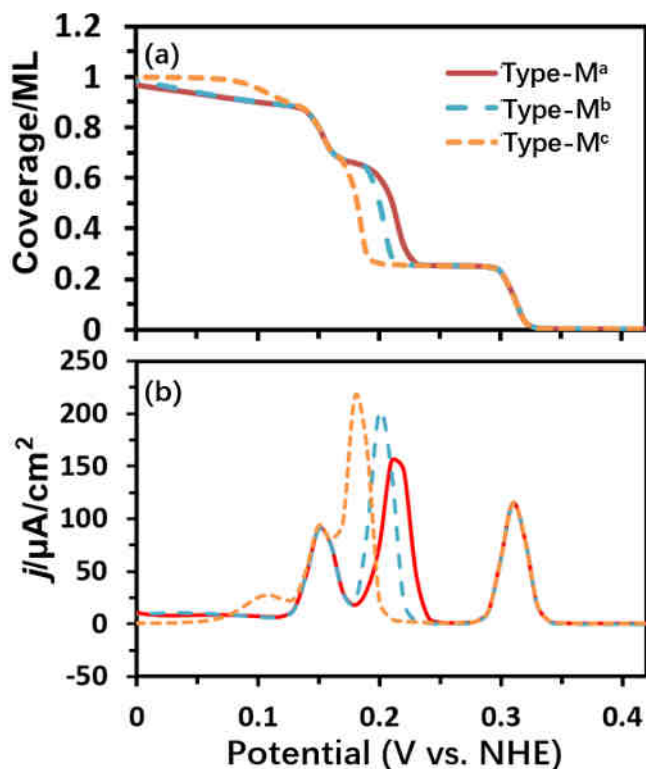


Figure S6. The diagrams of the coverage vs potential (a) and the related CV curves (b) for the *Type-M* surfaces. *Type-M^a*, *Type-M^b* and *Type-M^c* refer to the situations with different proportions c_i of domains (*Type-M^a*: $C_1 = 1/3, C_2 = 1/3$ and $C_3 = 1/3$; *Type-M^b*: $C_1 = 0.01, C_2 = 0.49$ and $C_3 = 0.5$; *Type-M^c*: $C_1 = 0.00001, C_2 =$

0.49999 and $C_3 = 0.5$).

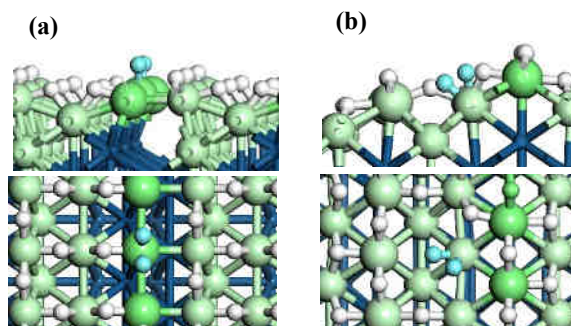


Figure S7. The optimized Tafel TS structures of (a)*Type-II* and (b)*Type-III* at equilibrium potential. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white/cyan ball: H atoms.

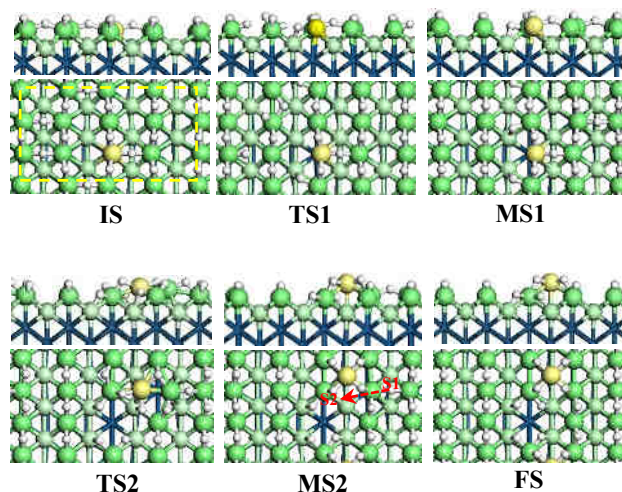


Figure S8. The optimized structures for all states in forming Pt_{5c} on *Type-I* surface at 0.67 ML H. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

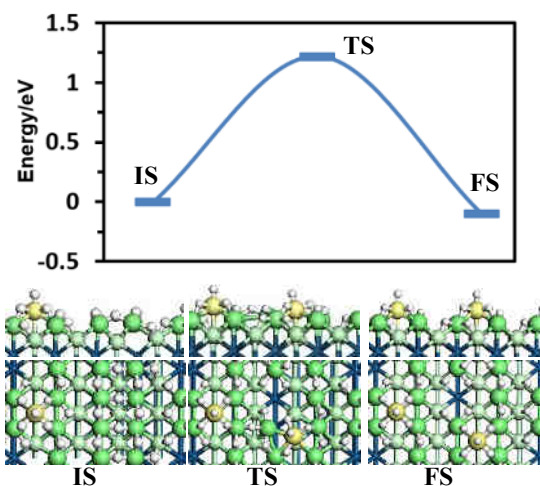


Figure S9. The reaction energy profile for the second Pt_{5c} formation at 0.96 ML H of Type-I surface and the optimized structures of IS, TS and FS states. For the optimized structures, Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

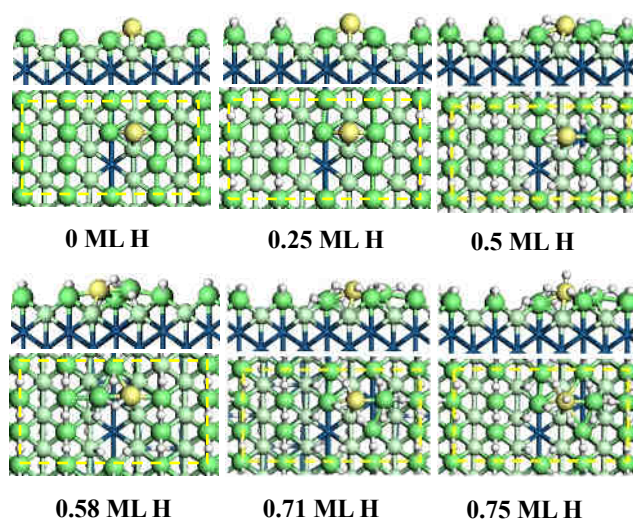


Figure S10. The Pt_{5c} TS structures of *Type-I* surface at different coverages. Large green ball: surface bridge Pt atoms, Large pale green ball: surface terrace Pt atoms, Large yellow ball: five-coordinated Pt, Small white ball: H atoms.

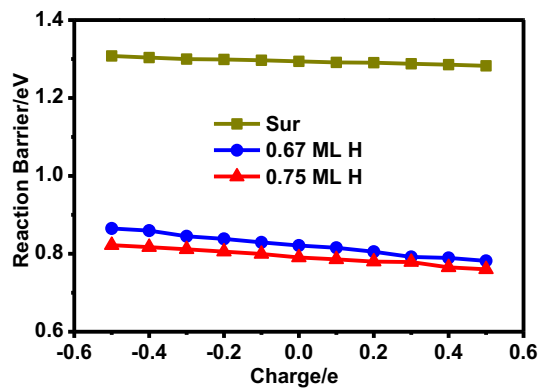


Figure S11. The reaction barriers (E_a) for the *Type-I* surface reconstruction on charged Pt surfaces as measured by the change of charge on surface. The zero on the x-axis corresponds to the neutral situations.

3. XYZ coordinates for the configurations in Fig. 1

Type-1a 0 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)		
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000	
Pt13	-0.000006000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt15	-0.000006000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt17	-0.000006000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt22	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt23	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt24	11.938797000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000	
Pt25	5.969395000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt26	13.928595000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt27	5.969395000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt28	13.928595000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt29	5.969395000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt30	13.928595000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt31	1.989798000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt32	9.948998000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt33	1.989798000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt34	9.948998000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt35	1.989798000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt36	9.948998000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000	
Pt37	-0.000006000	0.000000000	24.849000000	XXXX 1	xx	Pt	0.000	
Pt38	7.959194000	0.000000000	24.849000000	XXXX 1	xx	Pt	0.000	
Pt39	-0.000006000	2.814000000	24.849000000	XXXX 1	xx	Pt	0.000	

Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	-0.000006000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt46	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt49	7.952701000	0.001114000	16.270691000 XXXX 1	xx	Pt 0.000
Pt50	15.911796000	0.001099000	16.270691000 XXXX 1	xx	Pt 0.000
Pt51	7.952600000	2.815309000	16.270675000 XXXX 1	xx	Pt 0.000
Pt52	15.911642000	2.815301000	16.270687000 XXXX 1	xx	Pt 0.000
Pt53	7.952672000	5.628969000	16.270675000 XXXX 1	xx	Pt 0.000
Pt54	15.911730000	5.628945000	16.270673000 XXXX 1	xx	Pt 0.000
Pt55	5.959764000	1.408277000	14.998349000 XXXX 1	xx	Pt 0.000
Pt56	13.919250000	1.408604000	14.998103000 XXXX 1	xx	Pt 0.000
Pt57	5.959843000	4.222195000	14.998470000 XXXX 1	xx	Pt 0.000
Pt58	13.919326000	4.222204000	14.998265000 XXXX 1	xx	Pt 0.000
Pt59	5.959792000	7.036296000	14.998295000 XXXX 1	xx	Pt 0.000
Pt60	13.919214000	7.036194000	14.998117000 XXXX 1	xx	Pt 0.000
Pt61	3.972864000	0.001180000	16.270796000 XXXX 1	xx	Pt 0.000
Pt62	11.931358000	0.001364000	16.270765000 XXXX 1	xx	Pt 0.000
Pt63	3.972971000	2.815113000	16.270759000 XXXX 1	xx	Pt 0.000
Pt64	11.931541000	2.815134000	16.270822000 XXXX 1	xx	Pt 0.000
Pt65	3.972882000	5.629345000	16.270767000 XXXX 1	xx	Pt 0.000
Pt66	11.931505000	5.629198000	16.270799000 XXXX 1	xx	Pt 0.000
Pt67	1.980319000	1.408174000	14.998398000 XXXX 1	xx	Pt 0.000
Pt68	9.939688000	1.408142000	14.998758000 XXXX 1	xx	Pt 0.000
Pt69	1.980257000	4.222260000	14.998459000 XXXX 1	xx	Pt 0.000
Pt70	9.939570000	4.222278000	14.998757000 XXXX 1	xx	Pt 0.000
Pt71	1.980293000	7.036247000	14.998426000 XXXX 1	xx	Pt 0.000
Pt72	9.939713000	7.036283000	14.998819000 XXXX 1	xx	Pt 0.000
Pt73	5.962772000	1.407610000	17.785952000 XXXX 1	xx	Pt 0.000
Pt74	13.922213000	1.407485000	17.786280000 XXXX 1	xx	Pt 0.000
Pt75	5.962887000	4.221410000	17.785811000 XXXX 1	xx	Pt 0.000
Pt76	13.922246000	4.221377000	17.786061000 XXXX 1	xx	Pt 0.000
Pt77	5.962797000	7.035484000	17.785997000 XXXX 1	xx	Pt 0.000
Pt78	13.922190000	7.035413000	17.786297000 XXXX 1	xx	Pt 0.000
Pt79	7.956478000	0.000105000	19.190687000 XXXX 1	xx	Pt 0.000
Pt80	15.915780000	0.000136000	19.190563000 XXXX 1	xx	Pt 0.000
Pt81	7.956561000	2.814170000	19.190683000 XXXX 1	xx	Pt 0.000
Pt82	15.915770000	2.814320000	19.190548000 XXXX 1	xx	Pt 0.000
Pt83	7.956545000	5.628082000	19.190685000 XXXX 1	xx	Pt 0.000

Pt84	15.915783000	5.628134000	19.190567000 XXXX 1	xx	Pt 0.000
Pt85	3.977329000	0.000171000	19.190513000 XXXX 1	xx	Pt 0.000
Pt86	11.936601000	0.000186000	19.190555000 XXXX 1	xx	Pt 0.000
Pt87	3.977285000	2.814029000	19.190582000 XXXX 1	xx	Pt 0.000
Pt88	11.936573000	2.814055000	19.190564000 XXXX 1	xx	Pt 0.000
Pt89	3.977263000	5.628149000	19.190586000 XXXX 1	xx	Pt 0.000
Pt90	11.936571000	5.628147000	19.190584000 XXXX 1	xx	Pt 0.000
Pt91	1.983335000	1.407376000	17.785739000 XXXX 1	xx	Pt 0.000
Pt92	9.942699000	1.407448000	17.785300000 XXXX 1	xx	Pt 0.000
Pt93	1.983278000	4.221442000	17.785644000 XXXX 1	xx	Pt 0.000
Pt94	9.942599000	4.221687000	17.785265000 XXXX 1	xx	Pt 0.000
Pt95	1.983340000	7.035423000	17.785703000 XXXX 1	xx	Pt 0.000
Pt96	9.942703000	7.035695000	17.785236000 XXXX 1	xx	Pt 0.000
Pt97	0.002395000	8.436110000	27.689166000 XXXX 1	xx	Pt 0.000
Pt98	7.961558000	8.436104000	27.689328000 XXXX 1	xx	Pt 0.000
Pt99	0.002399000	2.808056000	27.689133000 XXXX 1	xx	Pt 0.000
Pt100	7.961564000	2.808099000	27.689310000 XXXX 1	xx	Pt 0.000
Pt101	0.002408000	5.622061000	27.689075000 XXXX 1	xx	Pt 0.000
Pt102	7.961586000	5.622048000	27.689238000 XXXX 1	xx	Pt 0.000
Pt103	5.969833000	1.403800000	26.285017000 XXXX 1	xx	Pt 0.000
Pt104	13.928975000	1.403810000	26.285067000 XXXX 1	xx	Pt 0.000
Pt105	5.969838000	4.217799000	26.285031000 XXXX 1	xx	Pt 0.000
Pt106	13.928956000	4.217795000	26.285085000 XXXX 1	xx	Pt 0.000
Pt107	5.969808000	7.031755000	26.285015000 XXXX 1	xx	Pt 0.000
Pt108	13.928946000	7.031771000	26.285077000 XXXX 1	xx	Pt 0.000
Pt109	3.982039000	8.436035000	27.689397000 XXXX 1	xx	Pt 0.000
Pt110	11.941423000	8.436011000	27.689328000 XXXX 1	xx	Pt 0.000
Pt111	3.982023000	2.808069000	27.689314000 XXXX 1	xx	Pt 0.000
Pt112	11.941413000	2.808080000	27.689248000 XXXX 1	xx	Pt 0.000
Pt113	3.982031000	5.622107000	27.689369000 XXXX 1	xx	Pt 0.000
Pt114	11.941424000	5.622058000	27.689293000 XXXX 1	xx	Pt 0.000
Pt115	1.990188000	1.403822000	26.284966000 XXXX 1	xx	Pt 0.000
Pt116	9.949388000	1.403810000	26.284905000 XXXX 1	xx	Pt 0.000
Pt117	1.990173000	4.217798000	26.284947000 XXXX 1	xx	Pt 0.000
Pt118	9.949385000	4.217798000	26.284926000 XXXX 1	xx	Pt 0.000
Pt119	1.990190000	7.031761000	26.284970000 XXXX 1	xx	Pt 0.000
Pt120	9.949399000	7.031784000	26.284908000 XXXX 1	xx	Pt 0.000
Pt121	7.962216000	8.431411000	30.475974000 XXXX 1	xx	Pt 0.000
Pt122	15.921377000	8.431410000	30.476153000 XXXX 1	xx	Pt 0.000
Pt123	7.962219000	2.803339000	30.475969000 XXXX 1	xx	Pt 0.000
Pt124	15.921414000	2.803349000	30.476157000 XXXX 1	xx	Pt 0.000
Pt125	7.962218000	5.617322000	30.476029000 XXXX 1	xx	Pt 0.000
Pt126	15.921420000	5.617312000	30.476216000 XXXX 1	xx	Pt 0.000
Pt127	5.971703000	1.397620000	29.204200000 XXXX 1	xx	Pt 0.000

Pt128	13.930684000	1.397626000	29.204219000	XXXX 1	xx	Pt 0.000
Pt129	5.971635000	4.211647000	29.204207000	XXXX 1	xx	Pt 0.000
Pt130	13.930596000	4.211693000	29.204221000	XXXX 1	xx	Pt 0.000
Pt131	5.971590000	7.025713000	29.204201000	XXXX 1	xx	Pt 0.000
Pt132	13.930519000	7.025745000	29.204219000	XXXX 1	xx	Pt 0.000
Pt133	3.982644000	8.431313000	30.475927000	XXXX 1	xx	Pt 0.000
Pt134	11.941882000	8.431310000	30.475935000	XXXX 1	xx	Pt 0.000
Pt135	3.982498000	2.803389000	30.475988000	XXXX 1	xx	Pt 0.000
Pt136	11.941877000	2.803377000	30.475997000	XXXX 1	xx	Pt 0.000
Pt137	3.982504000	5.617389000	30.475935000	XXXX 1	xx	Pt 0.000
Pt138	11.941882000	5.617392000	30.475952000	XXXX 1	xx	Pt 0.000
Pt139	1.992207000	1.397631000	29.204315000	XXXX 1	xx	Pt 0.000
Pt140	9.951100000	1.397645000	29.204309000	XXXX 1	xx	Pt 0.000
Pt141	1.992235000	4.211650000	29.204296000	XXXX 1	xx	Pt 0.000
Pt142	9.951159000	4.211650000	29.204291000	XXXX 1	xx	Pt 0.000
Pt143	1.992336000	7.025679000	29.204317000	XXXX 1	xx	Pt 0.000
Pt144	9.951215000	7.025694000	29.204299000	XXXX 1	xx	Pt 0.000
end						
end						

Type-Ia 0.5 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)		
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt17	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		

Pt22	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt23	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt24	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt25	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.918394000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	15.918394000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	15.918394000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt46	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt49	7.952330000	0.003169000	16.261836000 XXXX 1	xx	Pt 0.000
Pt50	15.911552000	0.003266000	16.261417000 XXXX 1	xx	Pt 0.000
Pt51	7.952433000	2.817370000	16.261731000 XXXX 1	xx	Pt 0.000
Pt52	15.911314000	2.817242000	16.261672000 XXXX 1	xx	Pt 0.000
Pt53	7.952566000	5.630915000	16.261718000 XXXX 1	xx	Pt 0.000
Pt54	15.911744000	5.631179000	16.261707000 XXXX 1	xx	Pt 0.000
Pt55	5.965982000	1.410945000	14.846328000 XXXX 1	xx	Pt 0.000
Pt56	13.925052000	1.411185000	14.847022000 XXXX 1	xx	Pt 0.000
Pt57	5.965874000	4.224975000	14.846887000 XXXX 1	xx	Pt 0.000
Pt58	13.925172000	4.225098000	14.846947000 XXXX 1	xx	Pt 0.000
Pt59	5.966161000	7.039819000	14.846341000 XXXX 1	xx	Pt 0.000
Pt60	13.925423000	7.039558000	14.846760000 XXXX 1	xx	Pt 0.000
Pt61	3.973562000	0.003355000	16.251914000 XXXX 1	xx	Pt 0.000
Pt62	11.933550000	0.003313000	16.251868000 XXXX 1	xx	Pt 0.000
Pt63	3.974113000	2.817521000	16.251959000 XXXX 1	xx	Pt 0.000
Pt64	11.933261000	2.817464000	16.251856000 XXXX 1	xx	Pt 0.000
Pt65	3.973581000	5.631100000	16.251722000 XXXX 1	xx	Pt 0.000

Pt66	11.932945000	5.631064000	16.251958000 XXXX 1	xx	Pt	0.000
Pt67	1.983194000	1.410253000	14.845828000 XXXX 1	xx	Pt	0.000
Pt68	9.942106000	1.411077000	14.845547000 XXXX 1	xx	Pt	0.000
Pt69	1.982980000	4.226410000	14.845549000 XXXX 1	xx	Pt	0.000
Pt70	9.942382000	4.224718000	14.845946000 XXXX 1	xx	Pt	0.000
Pt71	1.982910000	7.038032000	14.845365000 XXXX 1	xx	Pt	0.000
Pt72	9.942038000	7.038914000	14.845644000 XXXX 1	xx	Pt	0.000
Pt73	5.966357000	1.409023000	17.739715000 XXXX 1	xx	Pt	0.000
Pt74	13.925230000	1.408874000	17.739355000 XXXX 1	xx	Pt	0.000
Pt75	5.966010000	4.222613000	17.739083000 XXXX 1	xx	Pt	0.000
Pt76	13.925795000	4.222891000	17.739592000 XXXX 1	xx	Pt	0.000
Pt77	5.966301000	7.037008000	17.739825000 XXXX 1	xx	Pt	0.000
Pt78	13.925420000	7.036745000	17.739717000 XXXX 1	xx	Pt	0.000
Pt79	7.957643000	0.000754000	19.175979000 XXXX 1	xx	Pt	0.000
Pt80	15.916807000	0.000820000	19.176277000 XXXX 1	xx	Pt	0.000
Pt81	7.957546000	2.814680000	19.176084000 XXXX 1	xx	Pt	0.000
Pt82	15.916776000	2.815276000	19.176167000 XXXX 1	xx	Pt	0.000
Pt83	7.957711000	5.629335000	19.176259000 XXXX 1	xx	Pt	0.000
Pt84	15.916636000	5.628745000	19.175972000 XXXX 1	xx	Pt	0.000
Pt85	3.977446000	0.000907000	19.173010000 XXXX 1	xx	Pt	0.000
Pt86	11.936957000	0.000750000	19.173099000 XXXX 1	xx	Pt	0.000
Pt87	3.977586000	2.814772000	19.173192000 XXXX 1	xx	Pt	0.000
Pt88	11.936968000	2.814832000	19.173167000 XXXX 1	xx	Pt	0.000
Pt89	3.977354000	5.629374000	19.173152000 XXXX 1	xx	Pt	0.000
Pt90	11.936750000	5.629224000	19.172903000 XXXX 1	xx	Pt	0.000
Pt91	1.987591000	1.408654000	17.740433000 XXXX 1	xx	Pt	0.000
Pt92	9.946170000	1.408807000	17.740706000 XXXX 1	xx	Pt	0.000
Pt93	1.987226000	4.223075000	17.740533000 XXXX 1	xx	Pt	0.000
Pt94	9.946626000	4.223039000	17.740167000 XXXX 1	xx	Pt	0.000
Pt95	1.987571000	7.036867000	17.740582000 XXXX 1	xx	Pt	0.000
Pt96	9.946483000	7.036611000	17.740833000 XXXX 1	xx	Pt	0.000
H97	15.829482000	7.035399000	31.698866000 XXXX 1	xx	H	0.000
H98	1.906625000	5.632241000	13.777969000 XXXX 1	xx	H	0.000
H99	11.973185000	1.406988000	31.701537000 XXXX 1	xx	H	0.000
H100	13.961874000	0.004702000	13.774927000 XXXX 1	xx	H	0.000
H101	4.012130000	7.035152000	31.702258000 XXXX 1	xx	H	0.000
H102	6.002169000	5.632678000	13.774805000 XXXX 1	xx	H	0.000
H103	11.972100000	7.034809000	31.701087000 XXXX 1	xx	H	0.000
H104	13.961777000	5.632600000	13.774870000 XXXX 1	xx	H	0.000
H105	7.871550000	4.220755000	31.698179000 XXXX 1	xx	H	0.000
H106	9.867301000	2.818262000	13.777579000 XXXX 1	xx	H	0.000
H107	4.013858000	1.407046000	31.701184000 XXXX 1	xx	H	0.000
H108	6.002387000	0.004665000	13.775431000 XXXX 1	xx	H	0.000
H109	4.013289000	4.221042000	31.700742000 XXXX 1	xx	H	0.000

H110	6.002680000	2.818558000	13.774966000 XXXX 1	xx	H	0.000
H111	7.871572000	7.035427000	31.697911000 XXXX 1	xx	H	0.000
H112	9.866730000	5.632409000	13.777398000 XXXX 1	xx	H	0.000
H113	15.830499000	4.221703000	31.698538000 XXXX 1	xx	H	0.000
H114	1.907455000	2.818349000	13.776909000 XXXX 1	xx	H	0.000
H115	7.871527000	1.407122000	31.699343000 XXXX 1	xx	H	0.000
H116	9.867117000	0.004317000	13.777587000 XXXX 1	xx	H	0.000
H117	15.831047000	1.407372000	31.698830000 XXXX 1	xx	H	0.000
H118	1.907480000	0.004338000	13.777247000 XXXX 1	xx	H	0.000
H119	11.971675000	4.221022000	31.700870000 XXXX 1	xx	H	0.000
H120	13.962254000	2.818643000	13.774920000 XXXX 1	xx	H	0.000
Pt121	15.914948000	8.442327000	27.736140000 XXXX 1	xx	Pt	0.000
Pt122	7.956555000	8.442178000	27.736168000 XXXX 1	xx	Pt	0.000
Pt123	15.916099000	2.814264000	27.736612000 XXXX 1	xx	Pt	0.000
Pt124	7.955143000	2.814070000	27.735058000 XXXX 1	xx	Pt	0.000
Pt125	15.915209000	5.628599000	27.735181000 XXXX 1	xx	Pt	0.000
Pt126	7.956241000	5.628664000	27.735297000 XXXX 1	xx	Pt	0.000
Pt127	5.967247000	1.408250000	26.301662000 XXXX 1	xx	Pt	0.000
Pt128	13.926576000	1.406073000	26.300931000 XXXX 1	xx	Pt	0.000
Pt129	5.967284000	4.220613000	26.301744000 XXXX 1	xx	Pt	0.000
Pt130	13.926798000	4.222403000	26.300931000 XXXX 1	xx	Pt	0.000
Pt131	5.967473000	7.034803000	26.300820000 XXXX 1	xx	Pt	0.000
Pt132	13.926913000	7.035322000	26.301841000 XXXX 1	xx	Pt	0.000
Pt133	3.975595000	8.443207000	27.738294000 XXXX 1	xx	Pt	0.000
Pt134	11.935253000	8.442856000	27.737894000 XXXX 1	xx	Pt	0.000
Pt135	3.976633000	2.813927000	27.737641000 XXXX 1	xx	Pt	0.000
Pt136	11.934028000	2.814050000	27.738466000 XXXX 1	xx	Pt	0.000
Pt137	3.975753000	5.628009000	27.737249000 XXXX 1	xx	Pt	0.000
Pt138	11.934998000	5.628166000	27.736963000 XXXX 1	xx	Pt	0.000
Pt139	1.987154000	1.407301000	26.304673000 XXXX 1	xx	Pt	0.000
Pt140	9.946541000	1.407318000	26.304830000 XXXX 1	xx	Pt	0.000
Pt141	1.987039000	4.222048000	26.304456000 XXXX 1	xx	Pt	0.000
Pt142	9.946632000	4.221864000	26.304564000 XXXX 1	xx	Pt	0.000
Pt143	1.987038000	7.034562000	26.304299000 XXXX 1	xx	Pt	0.000
Pt144	9.946231000	7.034492000	26.304615000 XXXX 1	xx	Pt	0.000
Pt145	7.950216000	5.628972000	30.633527000 XXXX 1	xx	Pt	0.000
Pt146	15.910335000	2.814852000	30.632255000 XXXX 1	xx	Pt	0.000
Pt147	7.951076000	8.439588000	30.632382000 XXXX 1	xx	Pt	0.000
Pt148	15.910220000	5.627785000	30.633052000 XXXX 1	xx	Pt	0.000
Pt149	7.950840000	2.815697000	30.632994000 XXXX 1	xx	Pt	0.000
Pt150	15.910315000	8.442524000	30.632392000 XXXX 1	xx	Pt	0.000
Pt151	5.960680000	1.407317000	29.213954000 XXXX 1	xx	Pt	0.000
Pt152	13.921103000	1.406799000	29.214531000 XXXX 1	xx	Pt	0.000
Pt153	5.961294000	4.220878000	29.214342000 XXXX 1	xx	Pt	0.000

Pt154	13.920767000	4.221527000	29.215147000	XXXX 1	xx	Pt 0.000
Pt155	5.962162000	7.035467000	29.214752000	XXXX 1	xx	Pt 0.000
Pt156	13.920909000	7.035638000	29.214503000	XXXX 1	xx	Pt 0.000
Pt157	3.975479000	5.626259000	30.631286000	XXXX 1	xx	Pt 0.000
Pt158	11.933806000	8.441916000	30.630687000	XXXX 1	xx	Pt 0.000
Pt159	3.974579000	8.443405000	30.630507000	XXXX 1	xx	Pt 0.000
Pt160	11.933803000	2.814699000	30.630386000	XXXX 1	xx	Pt 0.000
Pt161	3.974968000	2.814379000	30.631429000	XXXX 1	xx	Pt 0.000
Pt162	11.933840000	5.627126000	30.631558000	XXXX 1	xx	Pt 0.000
Pt163	1.983004000	1.407135000	29.224442000	XXXX 1	xx	Pt 0.000
Pt164	9.943536000	1.406891000	29.223730000	XXXX 1	xx	Pt 0.000
Pt165	1.983108000	4.220758000	29.224983000	XXXX 1	xx	Pt 0.000
Pt166	9.943122000	4.220268000	29.224395000	XXXX 1	xx	Pt 0.000
Pt167	1.983651000	7.035937000	29.224623000	XXXX 1	xx	Pt 0.000
Pt168	9.941329000	7.036116000	29.224423000	XXXX 1	xx	Pt 0.000

end

end

Type-Ia 1 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)		
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt17	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt22	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt23	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		

Pt24	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt25	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.918394000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	15.918394000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	15.918394000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt46	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt49	7.942192000	0.001226000	16.083778000 XXXX 1	xx	Pt 0.000
Pt50	15.904737000	0.000519000	16.074014000 XXXX 1	xx	Pt 0.000
Pt51	7.942277000	2.815284000	16.085015000 XXXX 1	xx	Pt 0.000
Pt52	15.903942000	2.814644000	16.073920000 XXXX 1	xx	Pt 0.000
Pt53	7.941752000	5.629688000	16.084095000 XXXX 1	xx	Pt 0.000
Pt54	15.904479000	5.628534000	16.074026000 XXXX 1	xx	Pt 0.000
Pt55	5.643029000	1.409093000	14.778079000 XXXX 1	xx	Pt 0.000
Pt56	13.599964000	1.408431000	14.775007000 XXXX 1	xx	Pt 0.000
Pt57	5.642878000	4.221359000	14.778011000 XXXX 1	xx	Pt 0.000
Pt58	13.599904000	4.223469000	14.774447000 XXXX 1	xx	Pt 0.000
Pt59	5.643015000	7.034692000	14.777173000 XXXX 1	xx	Pt 0.000
Pt60	13.600659000	7.035446000	14.775587000 XXXX 1	xx	Pt 0.000
Pt61	3.961879000	0.000594000	16.492330000 XXXX 1	xx	Pt 0.000
Pt62	11.924148000	0.001226000	16.493391000 XXXX 1	xx	Pt 0.000
Pt63	3.961895000	2.814652000	16.492161000 XXXX 1	xx	Pt 0.000
Pt64	11.924450000	2.815083000	16.494657000 XXXX 1	xx	Pt 0.000
Pt65	3.962496000	5.629372000	16.491948000 XXXX 1	xx	Pt 0.000
Pt66	11.924275000	5.628961000	16.493937000 XXXX 1	xx	Pt 0.000
Pt67	2.388712000	1.408163000	14.673002000 XXXX 1	xx	Pt 0.000

Pt68	10.334762000	1.406554000	14.686195000 XXXX 1	xx	Pt	0.000
Pt69	2.388799000	4.221822000	14.672847000 XXXX 1	xx	Pt	0.000
Pt70	10.334571000	4.223736000	14.686330000 XXXX 1	xx	Pt	0.000
Pt71	2.391845000	7.035800000	14.671654000 XXXX 1	xx	Pt	0.000
Pt72	10.332688000	7.036441000	14.686629000 XXXX 1	xx	Pt	0.000
Pt73	6.052054000	1.407156000	17.737759000 XXXX 1	xx	Pt	0.000
Pt74	14.017239000	1.408134000	17.733359000 XXXX 1	xx	Pt	0.000
Pt75	6.052240000	4.220998000	17.737450000 XXXX 1	xx	Pt	0.000
Pt76	14.017297000	4.221187000	17.733156000 XXXX 1	xx	Pt	0.000
Pt77	6.051660000	7.034964000	17.737152000 XXXX 1	xx	Pt	0.000
Pt78	14.017344000	7.035630000	17.733225000 XXXX 1	xx	Pt	0.000
Pt79	7.957803000	0.000292000	19.189608000 XXXX 1	xx	Pt	0.000
Pt80	15.918184000	0.000294000	19.190054000 XXXX 1	xx	Pt	0.000
Pt81	7.957917000	2.814416000	19.189699000 XXXX 1	xx	Pt	0.000
Pt82	15.917334000	2.814412000	19.189758000 XXXX 1	xx	Pt	0.000
Pt83	7.957922000	5.628285000	19.189745000 XXXX 1	xx	Pt	0.000
Pt84	15.918209000	5.628537000	19.189999000 XXXX 1	xx	Pt	0.000
Pt85	3.975849000	0.000285000	19.218145000 XXXX 1	xx	Pt	0.000
Pt86	11.937776000	0.000284000	19.217994000 XXXX 1	xx	Pt	0.000
Pt87	3.975670000	2.813839000	19.218029000 XXXX 1	xx	Pt	0.000
Pt88	11.938199000	2.814350000	19.217460000 XXXX 1	xx	Pt	0.000
Pt89	3.975912000	5.628605000	19.218199000 XXXX 1	xx	Pt	0.000
Pt90	11.937876000	5.628171000	19.217980000 XXXX 1	xx	Pt	0.000
Pt91	1.897023000	1.407357000	17.735517000 XXXX 1	xx	Pt	0.000
Pt92	9.860418000	1.407528000	17.741564000 XXXX 1	xx	Pt	0.000
Pt93	1.896813000	4.221764000	17.735535000 XXXX 1	xx	Pt	0.000
Pt94	9.860557000	4.221367000	17.741632000 XXXX 1	xx	Pt	0.000
Pt95	1.897052000	7.035755000	17.735525000 XXXX 1	xx	Pt	0.000
Pt96	9.860332000	7.035488000	17.741728000 XXXX 1	xx	Pt	0.000
H97	8.457566000	7.036755000	14.995535000 XXXX 1	xx	H	0.000
H98	10.456846000	8.441779000	30.481519000 XXXX 1	xx	H	0.000
H99	4.140572000	1.407598000	31.847264000 XXXX 1	xx	H	0.000
H100	10.089983000	0.001226000	13.645308000 XXXX 1	xx	H	0.000
H101	8.463433000	1.409350000	14.997088000 XXXX 1	xx	H	0.000
H102	6.023603000	0.001603000	13.774632000 XXXX 1	xx	H	0.000
H103	2.144516000	5.628229000	13.629284000 XXXX 1	xx	H	0.000
H104	4.064937000	4.221972000	14.013409000 XXXX 1	xx	H	0.000
H105	8.462959000	4.222024000	14.997152000 XXXX 1	xx	H	0.000
H106	0.521756000	1.407359000	14.990358000 XXXX 1	xx	H	0.000
H107	4.068256000	7.036060000	14.008662000 XXXX 1	xx	H	0.000
H108	4.064908000	1.407911000	14.013485000 XXXX 1	xx	H	0.000
H109	2.144313000	0.001385000	13.629323000 XXXX 1	xx	H	0.000
H110	12.009680000	1.408448000	14.028535000 XXXX 1	xx	H	0.000
H111	0.528020000	7.035928000	14.990819000 XXXX 1	xx	H	0.000

H112	10.088673000	2.815581000	13.643987000 XXXX 1	xx	H	0.000
H113	2.142856000	2.814774000	13.630689000 XXXX 1	xx	H	0.000
H114	10.088075000	5.629411000	13.645428000 XXXX 1	xx	H	0.000
H115	12.009405000	4.222801000	14.028791000 XXXX 1	xx	H	0.000
H116	13.961442000	5.629766000	13.766206000 XXXX 1	xx	H	0.000
H117	6.023221000	5.628099000	13.775185000 XXXX 1	xx	H	0.000
H118	13.960791000	0.000727000	13.765537000 XXXX 1	xx	H	0.000
H119	0.521809000	4.222047000	14.990304000 XXXX 1	xx	H	0.000
H120	13.960592000	2.815367000	13.765176000 XXXX 1	xx	H	0.000
H121	6.020805000	2.814809000	13.774674000 XXXX 1	xx	H	0.000
H122	10.463637000	2.814419000	30.480415000 XXXX 1	xx	H	0.000
H123	0.039251000	1.406432000	31.708511000 XXXX 1	xx	H	0.000
H124	12.084014000	7.035227000	31.832835000 XXXX 1	xx	H	0.000
H125	6.062197000	5.627926000	31.466268000 XXXX 1	xx	H	0.000
H126	10.463940000	5.626872000	30.480710000 XXXX 1	xx	H	0.000
H127	2.529515000	0.000057000	30.486407000 XXXX 1	xx	H	0.000
H128	6.065873000	-0.000044000	31.470657000 XXXX 1	xx	H	0.000
H129	6.062090000	2.814009000	31.466178000 XXXX 1	xx	H	0.000
H130	12.084007000	1.406715000	31.832435000 XXXX 1	xx	H	0.000
H131	14.005746000	2.813641000	31.449556000 XXXX 1	xx	H	0.000
H132	2.523027000	5.628555000	30.486839000 XXXX 1	xx	H	0.000
H133	4.138525000	4.221061000	31.848189000 XXXX 1	xx	H	0.000
H134	12.085200000	4.220867000	31.832748000 XXXX 1	xx	H	0.000
H135	4.140331000	7.034362000	31.849043000 XXXX 1	xx	H	0.000
H136	14.005874000	5.628269000	31.449802000 XXXX 1	xx	H	0.000
H137	8.019671000	7.034184000	31.700212000 XXXX 1	xx	H	0.000
H138	0.039259000	7.035473000	31.709439000 XXXX 1	xx	H	0.000
H139	8.020093000	1.407741000	31.700166000 XXXX 1	xx	H	0.000
H140	2.522993000	2.813687000	30.486854000 XXXX 1	xx	H	0.000
H141	8.017667000	4.220824000	31.701107000 XXXX 1	xx	H	0.000
H142	0.039455000	4.220954000	31.709039000 XXXX 1	xx	H	0.000
H143	14.002611000	8.441944000	31.445183000 XXXX 1	xx	H	0.000
H144	12.007950000	7.034932000	14.033373000 XXXX 1	xx	H	0.000
Pt145	0.090676000	0.000121000	27.742242000 XXXX 1	xx	Pt	0.000
Pt146	8.044566000	8.441452000	27.737950000 XXXX 1	xx	Pt	0.000
Pt147	0.091030000	2.813914000	27.742141000 XXXX 1	xx	Pt	0.000
Pt148	8.044029000	2.814402000	27.737453000 XXXX 1	xx	Pt	0.000
Pt149	0.090555000	5.628013000	27.742460000 XXXX 1	xx	Pt	0.000
Pt150	8.043173000	5.628263000	27.737802000 XXXX 1	xx	Pt	0.000
Pt151	5.964995000	1.407108000	26.259467000 XXXX 1	xx	Pt	0.000
Pt152	13.925889000	1.406993000	26.259614000 XXXX 1	xx	Pt	0.000
Pt153	5.965187000	4.221532000	26.260336000 XXXX 1	xx	Pt	0.000
Pt154	13.925676000	4.221155000	26.259697000 XXXX 1	xx	Pt	0.000
Pt155	5.964942000	7.034293000	26.260579000 XXXX 1	xx	Pt	0.000

Pt156	13.926460000	7.034825000	26.259763000	XXXX 1	xx	Pt 0.000
Pt157	3.889807000	8.442011000	27.744569000	XXXX 1	xx	Pt 0.000
Pt158	11.853096000	8.441964000	27.739050000	XXXX 1	xx	Pt 0.000
Pt159	3.889811000	2.813625000	27.744685000	XXXX 1	xx	Pt 0.000
Pt160	11.853344000	2.813929000	27.738463000	XXXX 1	xx	Pt 0.000
Pt161	3.889993000	5.628471000	27.744399000	XXXX 1	xx	Pt 0.000
Pt162	11.853373000	5.628040000	27.738545000	XXXX 1	xx	Pt 0.000
Pt163	1.992730000	1.406765000	26.286882000	XXXX 1	xx	Pt 0.000
Pt164	9.951070000	1.406897000	26.286753000	XXXX 1	xx	Pt 0.000
Pt165	1.992451000	4.221234000	26.286937000	XXXX 1	xx	Pt 0.000
Pt166	9.951286000	4.220668000	26.286294000	XXXX 1	xx	Pt 0.000
Pt167	1.993236000	7.034945000	26.286904000	XXXX 1	xx	Pt 0.000
Pt168	9.950921000	7.035181000	26.287099000	XXXX 1	xx	Pt 0.000
Pt169	7.639249000	8.441969000	30.700720000	XXXX 1	xx	Pt 0.000
Pt170	15.595580000	5.627580000	30.701669000	XXXX 1	xx	Pt 0.000
Pt171	7.640057000	2.813495000	30.699147000	XXXX 1	xx	Pt 0.000
Pt172	15.596103000	8.443293000	30.701067000	XXXX 1	xx	Pt 0.000
Pt173	7.639863000	5.628735000	30.699059000	XXXX 1	xx	Pt 0.000
Pt174	15.595968000	2.813252000	30.702211000	XXXX 1	xx	Pt 0.000
Pt175	5.957392000	1.406819000	28.983870000	XXXX 1	xx	Pt 0.000
Pt176	13.919695000	1.406245000	28.980928000	XXXX 1	xx	Pt 0.000
Pt177	5.958212000	4.221442000	28.981861000	XXXX 1	xx	Pt 0.000
Pt178	13.920175000	4.221551000	28.981113000	XXXX 1	xx	Pt 0.000
Pt179	5.958503000	7.034449000	28.982413000	XXXX 1	xx	Pt 0.000
Pt180	13.919449000	7.034884000	28.980431000	XXXX 1	xx	Pt 0.000
Pt181	4.388357000	8.445170000	30.807498000	XXXX 1	xx	Pt 0.000
Pt182	12.329601000	8.442363000	30.789592000	XXXX 1	xx	Pt 0.000
Pt183	4.386152000	2.810478000	30.805464000	XXXX 1	xx	Pt 0.000
Pt184	12.331793000	2.814955000	30.791020000	XXXX 1	xx	Pt 0.000
Pt185	4.386371000	5.628472000	30.804813000	XXXX 1	xx	Pt 0.000
Pt186	12.332216000	5.626332000	30.790863000	XXXX 1	xx	Pt 0.000
Pt187	1.978110000	7.035056000	29.403355000	XXXX 1	xx	Pt 0.000
Pt188	9.934578000	1.406569000	29.393629000	XXXX 1	xx	Pt 0.000
Pt189	1.978017000	1.406932000	29.403164000	XXXX 1	xx	Pt 0.000
Pt190	9.934578000	4.220906000	29.392976000	XXXX 1	xx	Pt 0.000
Pt191	1.977383000	4.221076000	29.403497000	XXXX 1	xx	Pt 0.000
Pt192	9.934531000	7.035330000	29.393644000	XXXX 1	xx	Pt 0.000

end
end

Type-Ib 0 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	

Pt2	13.928595000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt3	5.969395000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt4	13.928595000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt5	5.969395000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt6	13.928595000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt7	1.989798000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt8	9.948998000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt9	1.989798000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt10	9.948998000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt11	1.989798000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt12	9.948998000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt13	15.918394000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt14	7.959194000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt15	15.918394000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt16	7.959194000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt17	15.918394000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt18	7.959194000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt19	3.979597000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt20	11.938797000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt21	3.979597000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt22	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt23	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt24	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt25	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.918394000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	15.918394000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	15.918394000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000

Pt46	11.938797000	2.814000000	24.849000000	XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000	XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000	XXXX 1	xx	Pt 0.000
Pt49	8.037139000	0.024851000	16.189279000	XXXX 1	xx	Pt 0.000
Pt50	15.885931000	-0.007623000	16.217629000	XXXX 1	xx	Pt 0.000
Pt51	8.038772000	2.788406000	16.175328000	XXXX 1	xx	Pt 0.000
Pt52	15.886196000	2.832369000	16.214942000	XXXX 1	xx	Pt 0.000
Pt53	7.960374000	5.630079000	16.276627000	XXXX 1	xx	Pt 0.000
Pt54	15.891679000	5.632977000	16.231518000	XXXX 1	xx	Pt 0.000
Pt55	5.987365000	1.407767000	14.973919000	XXXX 1	xx	Pt 0.000
Pt56	13.899311000	1.413352000	14.955553000	XXXX 1	xx	Pt 0.000
Pt57	5.993562000	4.213009000	14.981076000	XXXX 1	xx	Pt 0.000
Pt58	13.863506000	4.201981000	14.921440000	XXXX 1	xx	Pt 0.000
Pt59	5.995357000	7.046534000	14.981996000	XXXX 1	xx	Pt 0.000
Pt60	13.864814000	7.068389000	14.924188000	XXXX 1	xx	Pt 0.000
Pt61	3.977316000	0.001535000	16.253513000	XXXX 1	xx	Pt 0.000
Pt62	11.870302000	0.036793000	16.231735000	XXXX 1	xx	Pt 0.000
Pt63	3.977308000	2.818543000	16.251757000	XXXX 1	xx	Pt 0.000
Pt64	11.871420000	2.788085000	16.228782000	XXXX 1	xx	Pt 0.000
Pt65	3.980055000	5.631127000	16.249610000	XXXX 1	xx	Pt 0.000
Pt66	11.946717000	5.633494000	16.456402000	XXXX 1	xx	Pt 0.000
Pt67	1.977873000	1.411764000	14.972816000	XXXX 1	xx	Pt 0.000
Pt68	1.985548000	4.228165000	14.950744000	XXXX 1	xx	Pt 0.000
Pt69	9.972075000	4.234475000	14.968044000	XXXX 1	xx	Pt 0.000
Pt70	1.984864000	7.037759000	14.951689000	XXXX 1	xx	Pt 0.000
Pt71	9.967425000	7.033672000	14.975646000	XXXX 1	xx	Pt 0.000
Pt72	5.990352000	1.410378000	17.744722000	XXXX 1	xx	Pt 0.000
Pt73	13.901354000	1.411242000	17.745618000	XXXX 1	xx	Pt 0.000
Pt74	5.968242000	4.215485000	17.769364000	XXXX 1	xx	Pt 0.000
Pt75	13.954011000	4.210487000	17.776248000	XXXX 1	xx	Pt 0.000
Pt76	5.965959000	7.042604000	17.771577000	XXXX 1	xx	Pt 0.000
Pt77	13.955460000	7.053500000	17.778863000	XXXX 1	xx	Pt 0.000
Pt78	7.969971000	0.014150000	19.162005000	XXXX 1	xx	Pt 0.000
Pt79	-0.001593000	0.007853000	19.175592000	XXXX 1	xx	Pt 0.000
Pt80	7.971028000	2.802459000	19.159221000	XXXX 1	xx	Pt 0.000
Pt81	-0.002641000	2.810338000	19.173481000	XXXX 1	xx	Pt 0.000
Pt82	7.949391000	5.628451000	19.190514000	XXXX 1	xx	Pt 0.000
Pt83	0.010134000	5.629515000	19.185662000	XXXX 1	xx	Pt 0.000
Pt84	3.976736000	0.003753000	19.177912000	XXXX 1	xx	Pt 0.000
Pt85	11.922654000	0.009628000	19.166317000	XXXX 1	xx	Pt 0.000
Pt86	3.977845000	2.813585000	19.176512000	XXXX 1	xx	Pt 0.000
Pt87	11.921202000	2.808734000	19.165898000	XXXX 1	xx	Pt 0.000
Pt88	3.970109000	5.629011000	19.181096000	XXXX 1	xx	Pt 0.000
Pt89	11.941173000	5.628711000	19.202287000	XXXX 1	xx	Pt 0.000

Pt90	1.978975000	1.410029000	17.757903000 XXXX 1	xx	Pt 0.000
Pt91	9.943022000	1.409963000	17.648295000 XXXX 1	xx	Pt 0.000
Pt92	1.978267000	4.220160000	17.751802000 XXXX 1	xx	Pt 0.000
Pt93	9.920465000	4.208427000	17.774656000 XXXX 1	xx	Pt 0.000
Pt94	1.978204000	7.041004000	17.752580000 XXXX 1	xx	Pt 0.000
Pt95	9.922495000	7.050473000	17.780814000 XXXX 1	xx	Pt 0.000
Pt96	-0.006007000	5.632299000	27.725109000 XXXX 1	xx	Pt 0.000
Pt97	7.959022000	0.000645000	27.828793000 XXXX 1	xx	Pt 0.000
Pt98	-0.004545000	8.441819000	27.719417000 XXXX 1	xx	Pt 0.000
Pt99	7.936909000	2.801702000	27.695627000 XXXX 1	xx	Pt 0.000
Pt100	-0.005648000	2.811002000	27.724077000 XXXX 1	xx	Pt 0.000
Pt101	7.939109000	5.643382000	27.699701000 XXXX 1	xx	Pt 0.000
Pt102	5.982168000	1.394660000	26.316558000 XXXX 1	xx	Pt 0.000
Pt103	13.930347000	1.400854000	26.300296000 XXXX 1	xx	Pt 0.000
Pt104	5.961104000	4.222337000	26.287379000 XXXX 1	xx	Pt 0.000
Pt105	13.941408000	4.221197000	26.288772000 XXXX 1	xx	Pt 0.000
Pt106	5.983341000	7.048120000	26.319610000 XXXX 1	xx	Pt 0.000
Pt107	13.928774000	7.040276000	26.300364000 XXXX 1	xx	Pt 0.000
Pt108	4.007161000	8.441949000	27.734009000 XXXX 1	xx	Pt 0.000
Pt109	11.918589000	-0.000725000	27.729789000 XXXX 1	xx	Pt 0.000
Pt110	3.981983000	2.809122000	27.707189000 XXXX 1	xx	Pt 0.000
Pt111	11.973229000	2.799630000	27.697446000 XXXX 1	xx	Pt 0.000
Pt112	3.982315000	5.636696000	27.708842000 XXXX 1	xx	Pt 0.000
Pt113	11.971247000	5.642239000	27.702972000 XXXX 1	xx	Pt 0.000
Pt114	1.991305000	7.037480000	26.302373000 XXXX 1	xx	Pt 0.000
Pt115	9.935676000	1.399041000	26.309618000 XXXX 1	xx	Pt 0.000
Pt116	1.991446000	1.404803000	26.300268000 XXXX 1	xx	Pt 0.000
Pt117	9.955876000	4.221998000	26.275104000 XXXX 1	xx	Pt 0.000
Pt118	1.983152000	4.221631000	26.297232000 XXXX 1	xx	Pt 0.000
Pt119	9.936056000	7.042181000	26.311118000 XXXX 1	xx	Pt 0.000
Pt120	9.892601000	7.066541000	29.247072000 XXXX 1	xx	Pt 0.000
Pt121	0.002937000	2.817619000	30.524398000 XXXX 1	xx	Pt 0.000
Pt122	7.991050000	2.821264000	30.500572000 XXXX 1	xx	Pt 0.000
Pt123	15.921136000	5.627132000	30.525115000 XXXX 1	xx	Pt 0.000
Pt124	7.993582000	5.619803000	30.506874000 XXXX 1	xx	Pt 0.000
Pt125	15.912848000	8.443337000	30.503614000 XXXX 1	xx	Pt 0.000
Pt126	6.058483000	1.387509000	29.292876000 XXXX 1	xx	Pt 0.000
Pt127	13.903839000	1.420090000	29.256975000 XXXX 1	xx	Pt 0.000
Pt128	5.979136000	4.223887000	29.200382000 XXXX 1	xx	Pt 0.000
Pt129	13.909815000	4.221313000	29.244592000 XXXX 1	xx	Pt 0.000
Pt130	6.059458000	7.065581000	29.302513000 XXXX 1	xx	Pt 0.000
Pt131	13.903749000	7.022300000	29.259299000 XXXX 1	xx	Pt 0.000
Pt132	4.015142000	5.642079000	30.497163000 XXXX 1	xx	Pt 0.000
Pt133	9.936192000	4.217789000	31.768539000 XXXX 1	xx	Pt 0.000

Pt134	11.912295000	5.638160000	13.708499000	XXXX 1	xx	Pt 0.000
Pt135	4.008819000	0.005339000	30.505395000	XXXX 1	xx	Pt 0.000
Pt136	11.885876000	5.653916000	30.557246000	XXXX 1	xx	Pt 0.000
Pt137	4.015730000	2.808186000	30.496934000	XXXX 1	xx	Pt 0.000
Pt138	11.886559000	2.787057000	30.553356000	XXXX 1	xx	Pt 0.000
Pt139	1.999336000	4.223022000	29.229307000	XXXX 1	xx	Pt 0.000
Pt140	11.919704000	8.442377000	30.522448000	XXXX 1	xx	Pt 0.000
Pt141	1.996494000	7.036237000	29.229023000	XXXX 1	xx	Pt 0.000
Pt142	9.965386000	4.220262000	29.021027000	XXXX 1	xx	Pt 0.000
Pt143	1.995869000	1.410316000	29.226734000	XXXX 1	xx	Pt 0.000
Pt144	9.892935000	1.375932000	29.240352000	XXXX 1	xx	Pt 0.000
end						
end						

Type-Ib 0.67 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)		
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000		
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt17	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt22	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt23	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt24	11.938797000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000		
Pt25	5.969395000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000		
Pt26	13.928595000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000		

Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.918394000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	15.918394000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	15.918394000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt46	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt49	7.999892000	8.422276000	16.216830000 XXXX 1	xx	Pt 0.000
Pt50	-0.017990000	0.023228000	16.269579000 XXXX 1	xx	Pt 0.000
Pt51	8.009543000	2.818347000	16.263327000 XXXX 1	xx	Pt 0.000
Pt52	-0.009750000	2.819339000	16.242372000 XXXX 1	xx	Pt 0.000
Pt53	8.001935000	5.659168000	16.216163000 XXXX 1	xx	Pt 0.000
Pt54	-0.017442000	5.615489000	16.269425000 XXXX 1	xx	Pt 0.000
Pt55	6.010608000	1.391778000	14.883201000 XXXX 1	xx	Pt 0.000
Pt56	13.929722000	1.412108000	14.823945000 XXXX 1	xx	Pt 0.000
Pt57	6.013504000	4.252598000	14.880064000 XXXX 1	xx	Pt 0.000
Pt58	13.931358000	4.226024000	14.824931000 XXXX 1	xx	Pt 0.000
Pt59	13.936272000	7.039794000	14.844928000 XXXX 1	xx	Pt 0.000
Pt60	3.959085000	8.413980000	16.246347000 XXXX 1	xx	Pt 0.000
Pt61	11.962556000	0.002962000	16.270167000 XXXX 1	xx	Pt 0.000
Pt62	3.951835000	2.819566000	16.357245000 XXXX 1	xx	Pt 0.000
Pt63	11.964383000	2.817778000	16.264139000 XXXX 1	xx	Pt 0.000
Pt64	3.960139000	5.668057000	16.244546000 XXXX 1	xx	Pt 0.000
Pt65	11.962450000	5.632040000	16.269122000 XXXX 1	xx	Pt 0.000
Pt66	1.945646000	1.386589000	14.791189000 XXXX 1	xx	Pt 0.000
Pt67	10.003132000	1.412497000	14.846009000 XXXX 1	xx	Pt 0.000
Pt68	1.946229000	4.259731000	14.790675000 XXXX 1	xx	Pt 0.000
Pt69	10.002070000	4.225806000	14.843810000 XXXX 1	xx	Pt 0.000
Pt70	1.914563000	7.042460000	14.894980000 XXXX 1	xx	Pt 0.000

Pt71	10.022219000	7.039993000	14.822169000 XXXX 1	xx	Pt	0.000
Pt72	5.993298000	1.400206000	17.725286000 XXXX 1	xx	Pt	0.000
Pt73	13.931797000	1.405956000	17.744455000 XXXX 1	xx	Pt	0.000
Pt74	5.992810000	4.234408000	17.721238000 XXXX 1	xx	Pt	0.000
Pt75	13.932425000	4.227060000	17.744787000 XXXX 1	xx	Pt	0.000
Pt76	5.976574000	7.038299000	17.637851000 XXXX 1	xx	Pt	0.000
Pt77	13.927824000	7.037224000	17.749100000 XXXX 1	xx	Pt	0.000
Pt78	7.951296000	8.435778000	19.147977000 XXXX 1	xx	Pt	0.000
Pt79	15.916890000	0.000069000	19.180631000 XXXX 1	xx	Pt	0.000
Pt80	7.971473000	2.816726000	19.168150000 XXXX 1	xx	Pt	0.000
Pt81	15.906916000	2.814813000	19.182101000 XXXX 1	xx	Pt	0.000
Pt82	7.950575000	5.636624000	19.145111000 XXXX 1	xx	Pt	0.000
Pt83	15.917690000	5.630854000	19.180481000 XXXX 1	xx	Pt	0.000
Pt84	3.993808000	-0.000495000	19.158866000 XXXX 1	xx	Pt	0.000
Pt85	11.942574000	0.001908000	19.187657000 XXXX 1	xx	Pt	0.000
Pt86	3.975931000	2.815890000	19.169837000 XXXX 1	xx	Pt	0.000
Pt87	11.955768000	2.815324000	19.191072000 XXXX 1	xx	Pt	0.000
Pt88	3.995059000	5.630489000	19.156966000 XXXX 1	xx	Pt	0.000
Pt89	11.942018000	5.628695000	19.188273000 XXXX 1	xx	Pt	0.000
Pt90	1.958588000	1.405332000	17.737235000 XXXX 1	xx	Pt	0.000
Pt91	9.979347000	1.409318000	17.754889000 XXXX 1	xx	Pt	0.000
Pt92	1.958342000	4.228343000	17.735801000 XXXX 1	xx	Pt	0.000
Pt93	9.979790000	4.224206000	17.753057000 XXXX 1	xx	Pt	0.000
Pt94	1.992272000	7.037792000	17.752297000 XXXX 1	xx	Pt	0.000
Pt95	9.956252000	7.038070000	17.731065000 XXXX 1	xx	Pt	0.000
H96	3.619963000	1.332372000	31.661411000 XXXX 1	xx	H	0.000
H97	1.668835000	8.371398000	13.812780000 XXXX 1	xx	H	0.000
H98	12.012100000	1.418832000	31.715299000 XXXX 1	xx	H	0.000
H99	10.040056000	0.014610000	13.760829000 XXXX 1	xx	H	0.000
H100	12.010478000	7.028107000	31.715331000 XXXX 1	xx	H	0.000
H101	10.044816000	5.625267000	13.759194000 XXXX 1	xx	H	0.000
H102	9.184288000	1.539794000	30.801664000 XXXX 1	xx	H	0.000
H103	7.208418000	0.142738000	14.672080000 XXXX 1	xx	H	0.000
H104	4.959537000	5.651975000	14.842295000 XXXX 1	xx	H	0.000
H105	4.950189000	8.439767000	14.838786000 XXXX 1	xx	H	0.000
H106	7.216980000	5.495956000	14.667305000 XXXX 1	xx	H	0.000
H107	3.617784000	7.113685000	31.659382000 XXXX 1	xx	H	0.000
H108	1.657799000	5.715928000	13.814640000 XXXX 1	xx	H	0.000
H109	4.756235000	5.426035000	32.189761000 XXXX 1	xx	H	0.000
H110	2.786827000	4.028583000	13.286981000 XXXX 1	xx	H	0.000
H111	4.751262000	3.026424000	32.194530000 XXXX 1	xx	H	0.000
H112	2.775031000	1.632398000	13.283535000 XXXX 1	xx	H	0.000
H113	7.284519000	3.010987000	32.182617000 XXXX 1	xx	H	0.000
H114	5.310744000	1.609397000	13.294140000 XXXX 1	xx	H	0.000

H115	6.928716000	7.048607000	30.639561000 XXXX 1	xx	H	0.000
H116	15.875184000	4.223413000	31.725294000 XXXX 1	xx	H	0.000
H117	13.946389000	2.819861000	13.752832000 XXXX 1	xx	H	0.000
H118	6.929519000	1.395941000	30.641573000 XXXX 1	xx	H	0.000
H119	15.896501000	7.041391000	31.712822000 XXXX 1	xx	H	0.000
H120	13.965869000	5.637243000	13.764099000 XXXX 1	xx	H	0.000
H121	12.004364000	4.223539000	31.701031000 XXXX 1	xx	H	0.000
H122	10.024601000	2.818378000	13.772237000 XXXX 1	xx	H	0.000
H123	9.182763000	6.909856000	30.797870000 XXXX 1	xx	H	0.000
H124	15.891221000	1.403644000	31.714899000 XXXX 1	xx	H	0.000
H125	13.963922000	0.001184000	13.764163000 XXXX 1	xx	H	0.000
H126	7.283357000	5.437230000	32.181654000 XXXX 1	xx	H	0.000
H127	5.314226000	4.037205000	13.293295000 XXXX 1	xx	H	0.000
Pt128	15.911909000	0.001214000	27.727390000 XXXX 1	xx	Pt	0.000
Pt129	7.958462000	0.001416000	27.839379000 XXXX 1	xx	Pt	0.000
Pt130	15.915296000	2.811520000	27.733117000 XXXX 1	xx	Pt	0.000
Pt131	7.974426000	2.805757000	27.754244000 XXXX 1	xx	Pt	0.000
Pt132	15.915976000	5.633140000	27.731888000 XXXX 1	xx	Pt	0.000
Pt133	7.975492000	5.639533000	27.752367000 XXXX 1	xx	Pt	0.000
Pt134	5.980151000	1.406858000	26.321185000 XXXX 1	xx	Pt	0.000
Pt135	13.929070000	1.407874000	26.289180000 XXXX 1	xx	Pt	0.000
Pt136	5.962080000	4.220823000	26.308355000 XXXX 1	xx	Pt	0.000
Pt137	13.942706000	4.222240000	26.285721000 XXXX 1	xx	Pt	0.000
Pt138	5.981346000	7.037386000	26.318434000 XXXX 1	xx	Pt	0.000
Pt139	13.928186000	7.035261000	26.288786000 XXXX 1	xx	Pt	0.000
Pt140	3.976141000	0.001279000	27.725325000 XXXX 1	xx	Pt	0.000
Pt141	11.938280000	0.001878000	27.745410000 XXXX 1	xx	Pt	0.000
Pt142	3.940341000	2.810582000	27.744196000 XXXX 1	xx	Pt	0.000
Pt143	11.962444000	2.814938000	27.721218000 XXXX 1	xx	Pt	0.000
Pt144	3.940339000	5.633268000	27.739017000 XXXX 1	xx	Pt	0.000
Pt145	11.961700000	5.629534000	27.721513000 XXXX 1	xx	Pt	0.000
Pt146	1.986646000	1.407054000	26.296633000 XXXX 1	xx	Pt	0.000
Pt147	9.936413000	1.400152000	26.330421000 XXXX 1	xx	Pt	0.000
Pt148	1.974754000	4.220941000	26.294262000 XXXX 1	xx	Pt	0.000
Pt149	9.957491000	4.221508000	26.307091000 XXXX 1	xx	Pt	0.000
Pt150	1.985101000	7.037402000	26.294835000 XXXX 1	xx	Pt	0.000
Pt151	9.937582000	7.043292000	26.331057000 XXXX 1	xx	Pt	0.000
Pt152	9.978802000	7.062349000	29.259480000 XXXX 1	xx	Pt	0.000
Pt153	-0.006870000	0.001865000	30.632910000 XXXX 1	xx	Pt	0.000
Pt154	6.004004000	4.224544000	31.916210000 XXXX 1	xx	Pt	0.000
Pt155	4.031985000	2.823840000	13.559952000 XXXX 1	xx	Pt	0.000
Pt156	15.906504000	2.815495000	30.654485000 XXXX 1	xx	Pt	0.000
Pt157	7.988740000	5.652898000	30.593642000 XXXX 1	xx	Pt	0.000
Pt158	15.905876000	5.629131000	30.653145000 XXXX 1	xx	Pt	0.000

Pt159	5.938880000	1.374539000	29.233902000	XXXX 1	xx	Pt 0.000
Pt160	13.941808000	1.408527000	29.205331000	XXXX 1	xx	Pt 0.000
Pt161	5.928972000	4.222685000	29.120243000	XXXX 1	xx	Pt 0.000
Pt162	13.943734000	4.222485000	29.209611000	XXXX 1	xx	Pt 0.000
Pt163	5.938823000	7.070665000	29.232242000	XXXX 1	xx	Pt 0.000
Pt164	13.941789000	7.037286000	29.204121000	XXXX 1	xx	Pt 0.000
Pt165	3.893585000	0.001750000	30.584779000	XXXX 1	xx	Pt 0.000
Pt166	7.989017000	2.792555000	30.595346000	XXXX 1	xx	Pt 0.000
Pt167	3.919888000	2.786469000	30.689522000	XXXX 1	xx	Pt 0.000
Pt168	11.979993000	5.629985000	30.628885000	XXXX 1	xx	Pt 0.000
Pt169	3.919923000	5.659304000	30.685425000	XXXX 1	xx	Pt 0.000
Pt170	11.980966000	2.816052000	30.628774000	XXXX 1	xx	Pt 0.000
Pt171	1.960020000	1.424746000	29.209712000	XXXX 1	xx	Pt 0.000
Pt172	11.999333000	0.002462000	30.653463000	XXXX 1	xx	Pt 0.000
Pt173	1.967055000	4.222828000	29.235500000	XXXX 1	xx	Pt 0.000
Pt174	9.987448000	4.222557000	29.212587000	XXXX 1	xx	Pt 0.000
Pt175	1.959452000	7.019465000	29.207856000	XXXX 1	xx	Pt 0.000
Pt176	9.978760000	1.385114000	29.260656000	XXXX 1	xx	Pt 0.000
end						
end						

Type-Ib 1 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt17	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	

Pt22	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt23	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt24	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt25	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.918394000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	15.918394000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	15.918394000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt44	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt45	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt46	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt47	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt48	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt49	7.761141000	0.016829000	16.061518000 XXXX 1	xx	Pt 0.000
Pt50	0.095382000	0.044981000	16.197527000 XXXX 1	xx	Pt 0.000
Pt51	7.764837000	2.822663000	16.174974000 XXXX 1	xx	Pt 0.000
Pt52	0.156190000	2.837044000	16.136841000 XXXX 1	xx	Pt 0.000
Pt53	7.756993000	5.629065000	16.058426000 XXXX 1	xx	Pt 0.000
Pt54	0.105444000	5.645309000	16.146865000 XXXX 1	xx	Pt 0.000
Pt55	5.588244000	1.410670000	14.700096000 XXXX 1	xx	Pt 0.000
Pt56	13.964490000	1.390870000	14.776900000 XXXX 1	xx	Pt 0.000
Pt57	5.598440000	4.225153000	14.696837000 XXXX 1	xx	Pt 0.000
Pt58	13.959065000	4.295523000	14.760265000 XXXX 1	xx	Pt 0.000
Pt59	5.553142000	7.041686000	14.649756000 XXXX 1	xx	Pt 0.000
Pt60	13.961455000	7.067260000	14.882976000 XXXX 1	xx	Pt 0.000
Pt61	3.963280000	-0.004006000	16.451540000 XXXX 1	xx	Pt 0.000
Pt62	11.952903000	8.429557000	16.242449000 XXXX 1	xx	Pt 0.000
Pt63	3.970057000	2.817524000	16.463707000 XXXX 1	xx	Pt 0.000
Pt64	11.962884000	2.829026000	16.312609000 XXXX 1	xx	Pt 0.000
Pt65	3.969909000	5.635571000	16.450945000 XXXX 1	xx	Pt 0.000

Pt66	11.954611000	5.670317000	16.239696000 XXXX 1	xx	Pt	0.000
Pt67	2.308526000	1.404700000	14.714722000 XXXX 1	xx	Pt	0.000
Pt68	9.906446000	1.384279000	14.867227000 XXXX 1	xx	Pt	0.000
Pt69	2.346728000	4.208608000	14.686900000 XXXX 1	xx	Pt	0.000
Pt70	9.907401000	4.275212000	14.866820000 XXXX 1	xx	Pt	0.000
Pt71	2.367908000	7.021173000	14.625763000 XXXX 1	xx	Pt	0.000
Pt72	5.988425000	1.410269000	17.779306000 XXXX 1	xx	Pt	0.000
Pt73	13.982570000	1.416118000	17.693077000 XXXX 1	xx	Pt	0.000
Pt74	5.990548000	4.225621000	17.779489000 XXXX 1	xx	Pt	0.000
Pt75	13.997584000	4.230583000	17.671959000 XXXX 1	xx	Pt	0.000
Pt76	6.011931000	7.039418000	17.737037000 XXXX 1	xx	Pt	0.000
Pt77	13.945376000	7.041383000	17.725371000 XXXX 1	xx	Pt	0.000
Pt78	7.985220000	-0.003257000	19.138527000 XXXX 1	xx	Pt	0.000
Pt79	15.899862000	0.002909000	19.177469000 XXXX 1	xx	Pt	0.000
Pt80	7.971435000	2.816361000	19.165927000 XXXX 1	xx	Pt	0.000
Pt81	15.907886000	2.818507000	19.169628000 XXXX 1	xx	Pt	0.000
Pt82	7.985394000	5.637301000	19.135575000 XXXX 1	xx	Pt	0.000
Pt83	15.899721000	5.630511000	19.170356000 XXXX 1	xx	Pt	0.000
Pt84	3.977523000	-0.000518000	19.218910000 XXXX 1	xx	Pt	0.000
Pt85	11.927017000	0.003988000	19.145670000 XXXX 1	xx	Pt	0.000
Pt86	3.956891000	2.816047000	19.227155000 XXXX 1	xx	Pt	0.000
Pt87	11.951256000	2.816012000	19.164404000 XXXX 1	xx	Pt	0.000
Pt88	3.977336000	5.631752000	19.218300000 XXXX 1	xx	Pt	0.000
Pt89	11.931307000	5.625236000	19.138840000 XXXX 1	xx	Pt	0.000
Pt90	1.940297000	1.408511000	17.756470000 XXXX 1	xx	Pt	0.000
Pt91	9.903176000	1.411437000	17.689622000 XXXX 1	xx	Pt	0.000
Pt92	1.936853000	4.238994000	17.747567000 XXXX 1	xx	Pt	0.000
Pt93	9.902090000	4.229209000	17.690538000 XXXX 1	xx	Pt	0.000
Pt94	1.939397000	7.041112000	17.756876000 XXXX 1	xx	Pt	0.000
Pt95	9.929274000	7.040037000	17.627066000 XXXX 1	xx	Pt	0.000
H96	8.934183000	1.374119000	30.647047000 XXXX 1	xx	H	0.000
H97	10.920946000	8.424603000	14.832868000 XXXX 1	xx	H	0.000
H98	10.921489000	5.681464000	14.834344000 XXXX 1	xx	H	0.000
H99	11.119893000	5.443279000	32.216059000 XXXX 1	xx	H	0.000
H100	13.097939000	4.040797000	13.241785000 XXXX 1	xx	H	0.000
H101	8.931513000	7.075576000	30.641386000 XXXX 1	xx	H	0.000
H102	0.010165000	7.021461000	31.818582000 XXXX 1	xx	H	0.000
H103	2.144100000	5.589347000	13.604396000 XXXX 1	xx	H	0.000
H104	0.641578000	6.746304000	14.824270000 XXXX 1	xx	H	0.000
H105	14.581074000	0.327943000	30.664435000 XXXX 1	xx	H	0.000
H106	15.941083000	4.252621000	31.811534000 XXXX 1	xx	H	0.000
H107	2.002897000	2.802735000	13.670868000 XXXX 1	xx	H	0.000
H108	3.964469000	4.197725000	13.989843000 XXXX 1	xx	H	0.000
H109	1.986472000	2.861520000	31.488418000 XXXX 1	xx	H	0.000

H110	4.022696000	7.061111000	13.852208000 XXXX 1	xx	H	0.000
H111	2.045178000	8.437833000	31.627111000 XXXX 1	xx	H	0.000
H112	3.944697000	1.409043000	14.020782000 XXXX 1	xx	H	0.000
H113	1.968260000	5.650410000	31.454201000 XXXX 1	xx	H	0.000
H114	6.707086000	4.223181000	30.868824000 XXXX 1	xx	H	0.000
H115	8.689091000	2.831147000	14.607748000 XXXX 1	xx	H	0.000
H116	12.259320000	1.303875000	31.688714000 XXXX 1	xx	H	0.000
H117	13.169755000	4.213003000	30.923316000 XXXX 1	xx	H	0.000
H118	15.155331000	2.842091000	14.556643000 XXXX 1	xx	H	0.000
H119	14.336305000	8.387720000	13.814293000 XXXX 1	xx	H	0.000
H120	3.938571000	1.435114000	31.818112000 XXXX 1	xx	H	0.000
H121	6.941885000	0.008929000	29.372526000 XXXX 1	xx	H	0.000
H122	8.925939000	7.045795000	16.104921000 XXXX 1	xx	H	0.000
H123	5.919097000	0.025599000	13.654613000 XXXX 1	xx	H	0.000
H124	9.941005000	4.236381000	33.581232000 XXXX 1	xx	H	0.000
H125	11.921083000	2.825062000	11.894694000 XXXX 1	xx	H	0.000
H126	6.613717000	6.794533000	30.922546000 XXXX 1	xx	H	0.000
H127	8.595750000	5.392733000	14.546662000 XXXX 1	xx	H	0.000
H128	3.968228000	4.237673000	31.791716000 XXXX 1	xx	H	0.000
H129	5.944035000	2.814168000	13.680456000 XXXX 1	xx	H	0.000
H130	6.609181000	1.659879000	30.926811000 XXXX 1	xx	H	0.000
H131	8.595494000	0.266410000	14.548428000 XXXX 1	xx	H	0.000
H132	8.623018000	3.011020000	32.224953000 XXXX 1	xx	H	0.000
H133	10.601975000	1.608755000	13.258518000 XXXX 1	xx	H	0.000
H134	3.940606000	7.025745000	31.818245000 XXXX 1	xx	H	0.000
H135	5.914722000	5.618081000	13.654198000 XXXX 1	xx	H	0.000
H136	0.167624000	1.465726000	31.878492000 XXXX 1	xx	H	0.000
H137	1.991094000	0.033150000	13.661691000 XXXX 1	xx	H	0.000
H138	8.625154000	5.451196000	32.219669000 XXXX 1	xx	H	0.000
H139	10.606541000	4.051166000	13.253538000 XXXX 1	xx	H	0.000
H140	11.115692000	3.015559000	32.234419000 XXXX 1	xx	H	0.000
H141	13.101531000	1.617689000	13.257437000 XXXX 1	xx	H	0.000
H142	12.359900000	7.111419000	31.658505000 XXXX 1	xx	H	0.000
H143	14.227881000	5.755395000	13.781434000 XXXX 1	xx	H	0.000
Pt144	15.868262000	0.003718000	27.718479000 XXXX 1	xx	Pt	0.000
Pt145	7.942641000	0.002572000	27.848122000 XXXX 1	xx	Pt	0.000
Pt146	15.866728000	2.805573000	27.729742000 XXXX 1	xx	Pt	0.000
Pt147	7.913795000	2.814198000	27.787745000 XXXX 1	xx	Pt	0.000
Pt148	15.869099000	5.636407000	27.719833000 XXXX 1	xx	Pt	0.000
Pt149	7.915402000	5.631072000	27.785930000 XXXX 1	xx	Pt	0.000
Pt150	5.994976000	1.402280000	26.336818000 XXXX 1	xx	Pt	0.000
Pt151	13.910938000	1.408977000	26.308831000 XXXX 1	xx	Pt	0.000
Pt152	5.981973000	4.223518000	26.306327000 XXXX 1	xx	Pt	0.000
Pt153	13.919352000	4.220970000	26.309259000 XXXX 1	xx	Pt	0.000

Pt154	5.994310000	7.042925000	26.337499000 XXXX 1	xx	Pt 0.000
Pt155	13.910873000	7.036443000	26.299138000 XXXX 1	xx	Pt 0.000
Pt156	4.022189000	0.005136000	27.742055000 XXXX 1	xx	Pt 0.000
Pt157	11.957035000	8.443120000	27.751077000 XXXX 1	xx	Pt 0.000
Pt158	4.000250000	2.818736000	27.697074000 XXXX 1	xx	Pt 0.000
Pt159	12.011406000	2.811399000	27.802624000 XXXX 1	xx	Pt 0.000
Pt160	3.998358000	5.633910000	27.698611000 XXXX 1	xx	Pt 0.000
Pt161	11.996395000	5.625745000	27.784806000 XXXX 1	xx	Pt 0.000
Pt162	1.988509000	1.407366000	26.260094000 XXXX 1	xx	Pt 0.000
Pt163	9.941988000	1.413126000	26.340018000 XXXX 1	xx	Pt 0.000
Pt164	1.967169000	4.223445000	26.250682000 XXXX 1	xx	Pt 0.000
Pt165	9.961975000	4.221338000	26.314342000 XXXX 1	xx	Pt 0.000
Pt166	1.990289000	7.040044000	26.258044000 XXXX 1	xx	Pt 0.000
Pt167	9.938189000	7.033308000	26.332388000 XXXX 1	xx	Pt 0.000
Pt168	9.965956000	7.061298000	29.233675000 XXXX 1	xx	Pt 0.000
Pt169	0.362856000	2.845857000	30.796091000 XXXX 1	xx	Pt 0.000
Pt170	7.919241000	2.781431000	30.613647000 XXXX 1	xx	Pt 0.000
Pt171	0.323694000	5.649768000	30.764913000 XXXX 1	xx	Pt 0.000
Pt172	7.920938000	5.669854000	30.611660000 XXXX 1	xx	Pt 0.000
Pt173	0.386067000	0.034030000	30.855669000 XXXX 1	xx	Pt 0.000
Pt174	5.773697000	1.420933000	29.413273000 XXXX 1	xx	Pt 0.000
Pt175	14.040585000	1.402200000	29.332797000 XXXX 1	xx	Pt 0.000
Pt176	5.780505000	4.226610000	29.293989000 XXXX 1	xx	Pt 0.000
Pt177	14.092028000	4.211685000	29.345632000 XXXX 1	xx	Pt 0.000
Pt178	5.779176000	7.031819000	29.408149000 XXXX 1	xx	Pt 0.000
Pt179	14.030446000	7.005251000	29.282073000 XXXX 1	xx	Pt 0.000
Pt180	3.614311000	2.826520000	30.777008000 XXXX 1	xx	Pt 0.000
Pt181	9.888521000	4.226680000	31.994018000 XXXX 1	xx	Pt 0.000
Pt182	11.870873000	2.830993000	13.482512000 XXXX 1	xx	Pt 0.000
Pt183	3.605440000	5.640918000	30.773345000 XXXX 1	xx	Pt 0.000
Pt184	11.979727000	5.665458000	30.697165000 XXXX 1	xx	Pt 0.000
Pt185	3.569858000	0.009899000	30.824525000 XXXX 1	xx	Pt 0.000
Pt186	11.969867000	2.760865000	30.712785000 XXXX 1	xx	Pt 0.000
Pt187	1.979316000	1.413914000	29.027492000 XXXX 1	xx	Pt 0.000
Pt188	11.974042000	8.429938000	30.592152000 XXXX 1	xx	Pt 0.000
Pt189	1.978930000	4.231125000	29.014013000 XXXX 1	xx	Pt 0.000
Pt190	9.976961000	4.219066000	29.164436000 XXXX 1	xx	Pt 0.000
Pt191	1.972868000	7.053820000	29.026101000 XXXX 1	xx	Pt 0.000
Pt192	9.962798000	1.379825000	29.239537000 XXXX 1	xx	Pt 0.000
end					
end					

Type-II 0 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	15.918394000	0.000000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt2	15.918394000	2.814000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt3	15.918394000	5.628000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt4	7.959194000	0.000000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt5	7.959194000	2.814000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt6	7.959194000	5.628000000	24.849000000	XXXX 1	xx	Pt	0.000
Pt7	5.969395000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt8	13.928595000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt9	5.969395000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt10	13.928595000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt11	5.969395000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt12	13.928595000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt13	1.989798000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt14	9.948998000	1.407000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt15	1.989798000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt16	9.948998000	4.221000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt17	1.989798000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt18	9.948998000	7.035000000	23.442000000	XXXX 1	xx	Pt	0.000
Pt19	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt20	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt21	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt22	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt23	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt24	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt25	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt26	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt27	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt28	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt29	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt30	11.938797000	5.628000000	22.035000000	XXXX 1	xx	Pt	0.000
Pt31	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt32	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt33	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt34	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt35	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt36	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt37	5.970522000	1.408940000	20.598690000	XXXX 1	xx	Pt	0.000
Pt38	13.930011000	1.409220000	20.598916000	XXXX 1	xx	Pt	0.000
Pt39	5.970582000	4.222889000	20.598722000	XXXX 1	xx	Pt	0.000
Pt40	13.929948000	4.223206000	20.598962000	XXXX 1	xx	Pt	0.000

Pt41	5.970655000	7.036931000	20.598760000 XXXX 1	xx	Pt 0.000
Pt42	13.929864000	7.037239000	20.599002000 XXXX 1	xx	Pt 0.000
Pt43	7.939686000	8.451120000	16.296324000 XXXX 1	xx	Pt 0.000
Pt44	-0.020883000	0.007888000	16.297155000 XXXX 1	xx	Pt 0.000
Pt45	7.939688000	2.823017000	16.296315000 XXXX 1	xx	Pt 0.000
Pt46	-0.020883000	2.821910000	16.297088000 XXXX 1	xx	Pt 0.000
Pt47	7.939644000	5.637022000	16.296329000 XXXX 1	xx	Pt 0.000
Pt48	-0.020885000	5.635900000	16.297221000 XXXX 1	xx	Pt 0.000
Pt49	4.024454000	8.449491000	16.306748000 XXXX 1	xx	Pt 0.000
Pt50	11.983871000	0.009685000	16.308087000 XXXX 1	xx	Pt 0.000
Pt51	4.024450000	2.821504000	16.306676000 XXXX 1	xx	Pt 0.000
Pt52	11.983838000	2.823611000	16.308093000 XXXX 1	xx	Pt 0.000
Pt53	4.024471000	5.635509000	16.306837000 XXXX 1	xx	Pt 0.000
Pt54	11.983881000	5.637608000	16.308101000 XXXX 1	xx	Pt 0.000
Pt55	2.005920000	1.415095000	15.087790000 XXXX 1	xx	Pt 0.000
Pt56	9.966935000	1.417530000	15.089924000 XXXX 1	xx	Pt 0.000
Pt57	2.005913000	4.229105000	15.087764000 XXXX 1	xx	Pt 0.000
Pt58	9.966934000	4.231510000	15.089917000 XXXX 1	xx	Pt 0.000
Pt59	2.005914000	7.043099000	15.087745000 XXXX 1	xx	Pt 0.000
Pt60	9.966930000	7.045514000	15.089899000 XXXX 1	xx	Pt 0.000
Pt61	5.983999000	1.414062000	17.614590000 XXXX 1	xx	Pt 0.000
Pt62	13.945484000	1.414662000	17.616608000 XXXX 1	xx	Pt 0.000
Pt63	5.983941000	4.228223000	17.614581000 XXXX 1	xx	Pt 0.000
Pt64	13.945535000	4.228782000	17.616594000 XXXX 1	xx	Pt 0.000
Pt65	5.983904000	7.042061000	17.614565000 XXXX 1	xx	Pt 0.000
Pt66	13.945612000	7.042640000	17.616589000 XXXX 1	xx	Pt 0.000
Pt67	7.915015000	0.003938000	19.174116000 XXXX 1	xx	Pt 0.000
Pt68	15.875164000	0.003942000	19.173831000 XXXX 1	xx	Pt 0.000
Pt69	7.915063000	2.817823000	19.174092000 XXXX 1	xx	Pt 0.000
Pt70	15.875084000	2.817952000	19.173958000 XXXX 1	xx	Pt 0.000
Pt71	7.914967000	5.631830000	19.174138000 XXXX 1	xx	Pt 0.000
Pt72	15.875265000	5.631933000	19.173695000 XXXX 1	xx	Pt 0.000
Pt73	4.036435000	8.445484000	19.172730000 XXXX 1	xx	Pt 0.000
Pt74	11.995636000	0.004205000	19.174211000 XXXX 1	xx	Pt 0.000
Pt75	4.036536000	2.817492000	19.172873000 XXXX 1	xx	Pt 0.000
Pt76	11.995567000	2.818085000	19.174198000 XXXX 1	xx	Pt 0.000
Pt77	4.036346000	5.631483000	19.172590000 XXXX 1	xx	Pt 0.000
Pt78	11.995670000	5.632095000	19.174259000 XXXX 1	xx	Pt 0.000
Pt79	1.994561000	1.412019000	17.854508000 XXXX 1	xx	Pt 0.000
Pt80	9.953631000	1.413133000	17.854648000 XXXX 1	xx	Pt 0.000
Pt81	1.994559000	4.226481000	17.854584000 XXXX 1	xx	Pt 0.000
Pt82	9.953638000	4.227043000	17.854616000 XXXX 1	xx	Pt 0.000
Pt83	1.994568000	7.039938000	17.854651000 XXXX 1	xx	Pt 0.000
Pt84	9.953630000	7.041116000	17.854589000 XXXX 1	xx	Pt 0.000

Pt85	3.981560000	8.442465000	24.877756000 XXXX 1	xx	Pt 0.000
Pt86	11.940881000	8.442562000	24.877249000 XXXX 1	xx	Pt 0.000
Pt87	3.981491000	2.814775000	24.877610000 XXXX 1	xx	Pt 0.000
Pt88	11.940474000	2.814733000	24.877929000 XXXX 1	xx	Pt 0.000
Pt89	3.981510000	5.628998000	24.877703000 XXXX 1	xx	Pt 0.000
Pt90	11.940562000	5.628664000	24.877726000 XXXX 1	xx	Pt 0.000
Pt91	0.004524000	5.629151000	27.622315000 XXXX 1	xx	Pt 0.000
Pt92	7.963517000	8.443593000	27.622989000 XXXX 1	xx	Pt 0.000
Pt93	0.004349000	8.443239000	27.622552000 XXXX 1	xx	Pt 0.000
Pt94	7.963894000	2.815178000	27.622860000 XXXX 1	xx	Pt 0.000
Pt95	0.004464000	2.814816000	27.622109000 XXXX 1	xx	Pt 0.000
Pt96	7.963554000	5.628981000	27.622833000 XXXX 1	xx	Pt 0.000
Pt97	5.919793000	1.407902000	26.303711000 XXXX 1	xx	Pt 0.000
Pt98	13.879014000	1.408052000	26.303856000 XXXX 1	xx	Pt 0.000
Pt99	5.919823000	4.221916000	26.303694000 XXXX 1	xx	Pt 0.000
Pt100	13.878689000	4.221643000	26.303809000 XXXX 1	xx	Pt 0.000
Pt101	5.919522000	7.035766000	26.303372000 XXXX 1	xx	Pt 0.000
Pt102	13.878793000	7.035747000	26.303785000 XXXX 1	xx	Pt 0.000
Pt103	3.975349000	8.443524000	27.860108000 XXXX 1	xx	Pt 0.000
Pt104	11.935450000	8.443261000	27.860420000 XXXX 1	xx	Pt 0.000
Pt105	3.975540000	2.815535000	27.860330000 XXXX 1	xx	Pt 0.000
Pt106	11.934979000	2.815842000	27.859947000 XXXX 1	xx	Pt 0.000
Pt107	3.975358000	5.629519000	27.860315000 XXXX 1	xx	Pt 0.000
Pt108	11.935451000	5.628963000	27.860068000 XXXX 1	xx	Pt 0.000
Pt109	2.041080000	1.408139000	26.301611000 XXXX 1	xx	Pt 0.000
Pt110	10.000090000	1.408856000	26.301415000 XXXX 1	xx	Pt 0.000
Pt111	2.041096000	4.222219000	26.301635000 XXXX 1	xx	Pt 0.000
Pt112	10.000451000	4.221541000	26.301379000 XXXX 1	xx	Pt 0.000
Pt113	2.041292000	7.036044000	26.301455000 XXXX 1	xx	Pt 0.000
Pt114	10.000387000	7.035524000	26.301113000 XXXX 1	xx	Pt 0.000
Pt115	7.956830000	8.443586000	30.386453000 XXXX 1	xx	Pt 0.000
Pt116	2.022891000	4.222200000	29.177725000 XXXX 1	xx	Pt 0.000
Pt117	7.956665000	2.815279000	30.386174000 XXXX 1	xx	Pt 0.000
Pt118	-0.002615000	5.629539000	30.386804000 XXXX 1	xx	Pt 0.000
Pt119	7.956474000	5.629310000	30.386601000 XXXX 1	xx	Pt 0.000
Pt120	-0.002447000	2.815200000	30.387025000 XXXX 1	xx	Pt 0.000
Pt121	5.938648000	1.408775000	29.169572000 XXXX 1	xx	Pt 0.000
Pt122	13.897243000	1.408177000	29.169130000 XXXX 1	xx	Pt 0.000
Pt123	5.938665000	4.222649000	29.169545000 XXXX 1	xx	Pt 0.000
Pt124	13.897009000	4.222489000	29.169104000 XXXX 1	xx	Pt 0.000
Pt125	5.938525000	7.036579000	29.169637000 XXXX 1	xx	Pt 0.000
Pt126	13.897339000	7.036534000	29.169238000 XXXX 1	xx	Pt 0.000
Pt127	2.022828000	1.408375000	29.177711000 XXXX 1	xx	Pt 0.000
Pt128	9.981115000	1.408575000	29.178165000 XXXX 1	xx	Pt 0.000

Pt129	2.022671000	7.036368000	29.177860000	XXXX 1	xx	Pt 0.000
Pt130	9.981484000	4.222203000	29.177971000	XXXX 1	xx	Pt 0.000
Pt131	-0.002759000	8.443221000	30.386619000	XXXX 1	xx	Pt 0.000
Pt132	9.981572000	7.036517000	29.178242000	XXXX 1	xx	Pt 0.000

end
end

Type-II 0.25 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt17	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt18	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt19	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt20	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt21	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt22	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt23	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt24	11.938797000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt25	5.969395000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt26	13.928595000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt27	5.969395000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt28	13.928595000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt29	5.969395000	7.035000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt30	13.928595000	7.035000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt31	1.989798000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt32	9.948998000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt33	1.989798000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt34	9.948998000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	

Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.916018000	0.000021000	24.901725000 XXXX 1	xx	Pt 0.000
Pt38	7.956715000	0.000186000	24.901577000 XXXX 1	xx	Pt 0.000
Pt39	15.915821000	2.813972000	24.901663000 XXXX 1	xx	Pt 0.000
Pt40	7.956565000	2.813846000	24.901442000 XXXX 1	xx	Pt 0.000
Pt41	15.916091000	5.628039000	24.901609000 XXXX 1	xx	Pt 0.000
Pt42	7.956654000	5.628060000	24.901488000 XXXX 1	xx	Pt 0.000
Pt43	7.961644000	8.442079000	16.304679000 XXXX 1	xx	Pt 0.000
Pt44	15.921153000	0.000190000	16.304625000 XXXX 1	xx	Pt 0.000
Pt45	7.961621000	2.814234000	16.304801000 XXXX 1	xx	Pt 0.000
Pt46	15.920922000	2.814147000	16.305079000 XXXX 1	xx	Pt 0.000
Pt47	7.961781000	5.627975000	16.304745000 XXXX 1	xx	Pt 0.000
Pt48	15.920968000	5.628142000	16.305050000 XXXX 1	xx	Pt 0.000
Pt49	3.975856000	0.000319000	16.308769000 XXXX 1	xx	Pt 0.000
Pt50	11.935686000	8.441874000	16.309096000 XXXX 1	xx	Pt 0.000
Pt51	3.975686000	2.814123000	16.308248000 XXXX 1	xx	Pt 0.000
Pt52	11.935695000	2.814006000	16.309301000 XXXX 1	xx	Pt 0.000
Pt53	3.975381000	5.628276000	16.308133000 XXXX 1	xx	Pt 0.000
Pt54	11.935658000	5.628004000	16.309392000 XXXX 1	xx	Pt 0.000
Pt55	1.987152000	1.407573000	14.918471000 XXXX 1	xx	Pt 0.000
Pt56	9.946811000	1.406540000	14.918021000 XXXX 1	xx	Pt 0.000
Pt57	1.986445000	4.221603000	14.918669000 XXXX 1	xx	Pt 0.000
Pt58	9.946621000	4.220543000	14.918308000 XXXX 1	xx	Pt 0.000
Pt59	1.987179000	7.036003000	14.918555000 XXXX 1	xx	Pt 0.000
Pt60	9.946759000	7.034658000	14.918192000 XXXX 1	xx	Pt 0.000
Pt61	5.966684000	1.407052000	17.609789000 XXXX 1	xx	Pt 0.000
Pt62	13.925619000	1.407178000	17.610226000 XXXX 1	xx	Pt 0.000
Pt63	5.967256000	4.220844000	17.609526000 XXXX 1	xx	Pt 0.000
Pt64	13.925639000	4.220926000	17.610230000 XXXX 1	xx	Pt 0.000
Pt65	5.966879000	7.035505000	17.609668000 XXXX 1	xx	Pt 0.000
Pt66	13.925547000	7.035098000	17.610250000 XXXX 1	xx	Pt 0.000
Pt67	7.916943000	8.442017000	19.170859000 XXXX 1	xx	Pt 0.000
Pt68	15.876445000	-0.000001000	19.171190000 XXXX 1	xx	Pt 0.000
Pt69	7.916983000	2.814277000	19.170687000 XXXX 1	xx	Pt 0.000
Pt70	15.876477000	2.814034000	19.171071000 XXXX 1	xx	Pt 0.000
Pt71	7.917075000	5.627904000	19.170706000 XXXX 1	xx	Pt 0.000
Pt72	15.876585000	5.628027000	19.171128000 XXXX 1	xx	Pt 0.000
Pt73	4.018495000	0.000066000	19.176093000 XXXX 1	xx	Pt 0.000
Pt74	11.977542000	8.441958000	19.176157000 XXXX 1	xx	Pt 0.000
Pt75	4.018423000	2.813834000	19.176173000 XXXX 1	xx	Pt 0.000
Pt76	11.977534000	2.813922000	19.176071000 XXXX 1	xx	Pt 0.000
Pt77	4.018355000	5.628212000	19.176334000 XXXX 1	xx	Pt 0.000
Pt78	11.977383000	5.628220000	19.176174000 XXXX 1	xx	Pt 0.000

Pt79	1.988472000	1.407118000	17.812743000 XXXX 1	xx	Pt	0.000
Pt80	9.947485000	1.407315000	17.813223000 XXXX 1	xx	Pt	0.000
Pt81	1.988274000	4.221101000	17.812620000 XXXX 1	xx	Pt	0.000
Pt82	9.947356000	4.221205000	17.813166000 XXXX 1	xx	Pt	0.000
Pt83	1.988367000	7.034875000	17.812736000 XXXX 1	xx	Pt	0.000
Pt84	9.947592000	7.034919000	17.813249000 XXXX 1	xx	Pt	0.000
H85	2.019178000	5.628843000	13.843422000 XXXX 1	xx	H	0.000
H86	9.987851000	5.627531000	13.844302000 XXXX 1	xx	H	0.000
H87	2.019209000	2.814949000	13.843629000 XXXX 1	xx	H	0.000
H88	2.027660000	0.000920000	13.844109000 XXXX 1	xx	H	0.000
H89	9.987483000	8.441501000	13.844399000 XXXX 1	xx	H	0.000
H90	11.922653000	1.407289000	31.653654000 XXXX 1	xx	H	0.000
H91	3.955947000	1.406906000	31.653575000 XXXX 1	xx	H	0.000
H92	9.987749000	2.813647000	13.844296000 XXXX 1	xx	H	0.000
H93	11.928136000	7.035312000	31.652691000 XXXX 1	xx	H	0.000
H94	11.922247000	4.221247000	31.652628000 XXXX 1	xx	H	0.000
H95	3.960610000	4.220970000	31.653481000 XXXX 1	xx	H	0.000
H96	3.966862000	7.034873000	31.653435000 XXXX 1	xx	H	0.000
Pt97	3.982397000	8.441841000	24.876244000 XXXX 1	xx	Pt	0.000
Pt98	11.941240000	0.000083000	24.876210000 XXXX 1	xx	Pt	0.000
Pt99	1.957822000	1.406875000	26.317456000 XXXX 1	xx	Pt	0.000
Pt100	11.941405000	2.814308000	24.876365000 XXXX 1	xx	Pt	0.000
Pt101	3.982459000	2.813968000	24.875829000 XXXX 1	xx	Pt	0.000
Pt102	11.941204000	5.627731000	24.876406000 XXXX 1	xx	Pt	0.000
Pt103	15.919736000	2.813797000	27.889494000 XXXX 1	xx	Pt	0.000
Pt104	7.961221000	2.813737000	27.889909000 XXXX 1	xx	Pt	0.000
Pt105	15.919258000	5.628265000	27.889421000 XXXX 1	xx	Pt	0.000
Pt106	7.961591000	5.627920000	27.889618000 XXXX 1	xx	Pt	0.000
Pt107	15.919109000	8.441995000	27.889363000 XXXX 1	xx	Pt	0.000
Pt108	7.961990000	8.442333000	27.889852000 XXXX 1	xx	Pt	0.000
Pt109	6.000536000	7.034826000	26.327835000 XXXX 1	xx	Pt	0.000
Pt110	13.960213000	1.406976000	26.328245000 XXXX 1	xx	Pt	0.000
Pt111	6.000938000	1.407028000	26.328042000 XXXX 1	xx	Pt	0.000
Pt112	13.960014000	4.221055000	26.328192000 XXXX 1	xx	Pt	0.000
Pt113	6.001023000	4.221249000	26.328071000 XXXX 1	xx	Pt	0.000
Pt114	13.960312000	7.035159000	26.328589000 XXXX 1	xx	Pt	0.000
Pt115	3.980435000	8.442024000	27.690829000 XXXX 1	xx	Pt	0.000
Pt116	11.939499000	-0.000266000	27.690148000 XXXX 1	xx	Pt	0.000
Pt117	3.980471000	2.814137000	27.691454000 XXXX 1	xx	Pt	0.000
Pt118	11.939477000	2.814357000	27.689726000 XXXX 1	xx	Pt	0.000
Pt119	3.980660000	5.627722000	27.690877000 XXXX 1	xx	Pt	0.000
Pt120	11.939300000	5.628095000	27.689926000 XXXX 1	xx	Pt	0.000
Pt121	1.957838000	7.035034000	26.317183000 XXXX 1	xx	Pt	0.000
Pt122	9.916777000	1.406879000	26.318152000 XXXX 1	xx	Pt	0.000

Pt123	1.957620000	4.221028000	26.317398000	XXXX 1	xx	Pt 0.000
Pt124	9.917113000	4.221297000	26.318119000	XXXX 1	xx	Pt 0.000
Pt125	3.982472000	5.628229000	24.876170000	XXXX 1	xx	Pt 0.000
Pt126	9.916878000	7.035097000	26.318237000	XXXX 1	xx	Pt 0.000
Pt127	5.967701000	4.220668000	29.194641000	XXXX 1	xx	Pt 0.000
Pt128	13.928407000	1.406786000	29.193721000	XXXX 1	xx	Pt 0.000
Pt129	5.967517000	7.034694000	29.194805000	XXXX 1	xx	Pt 0.000
Pt130	13.927954000	4.221236000	29.193938000	XXXX 1	xx	Pt 0.000
Pt131	5.967529000	1.407278000	29.194796000	XXXX 1	xx	Pt 0.000
Pt132	13.928261000	7.035307000	29.193408000	XXXX 1	xx	Pt 0.000
Pt133	3.981777000	2.814534000	30.576102000	XXXX 1	xx	Pt 0.000
Pt134	11.941735000	-0.001330000	30.577626000	XXXX 1	xx	Pt 0.000
Pt135	3.982490000	5.627900000	30.576449000	XXXX 1	xx	Pt 0.000
Pt136	11.941376000	2.815875000	30.577956000	XXXX 1	xx	Pt 0.000
Pt137	3.982170000	8.441291000	30.576575000	XXXX 1	xx	Pt 0.000
Pt138	11.941693000	5.628462000	30.578145000	XXXX 1	xx	Pt 0.000
Pt139	1.993327000	4.220702000	29.193507000	XXXX 1	xx	Pt 0.000
Pt140	9.951720000	4.221239000	29.193095000	XXXX 1	xx	Pt 0.000
Pt141	1.993365000	7.034846000	29.193859000	XXXX 1	xx	Pt 0.000
Pt142	9.951752000	7.035217000	29.193173000	XXXX 1	xx	Pt 0.000
Pt143	1.993322000	1.407264000	29.193257000	XXXX 1	xx	Pt 0.000
Pt144	9.951294000	1.406877000	29.192919000	XXXX 1	xx	Pt 0.000
end						
end						

Type-II 1 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt8	9.948998000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt9	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt10	9.948998000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt11	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt12	9.948998000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt13	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt14	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt15	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt16	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	

Pt17	15.918394000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt18	7.959194000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt19	3.979597000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt20	11.938797000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt21	3.979597000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt22	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt23	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt24	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt25	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt35	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt36	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt37	15.908455000	0.002133000	24.880256000 XXXX 1	xx	Pt 0.000
Pt38	7.948968000	0.001604000	24.879702000 XXXX 1	xx	Pt 0.000
Pt39	15.908459000	2.816206000	24.880226000 XXXX 1	xx	Pt 0.000
Pt40	7.948920000	2.815627000	24.879691000 XXXX 1	xx	Pt 0.000
Pt41	15.908470000	5.630181000	24.880202000 XXXX 1	xx	Pt 0.000
Pt42	7.948973000	5.629542000	24.879723000 XXXX 1	xx	Pt 0.000
Pt43	7.960864000	0.001325000	16.357150000 XXXX 1	xx	Pt 0.000
Pt44	2.672306000	2.814996000	15.456629000 XXXX 1	xx	Pt 0.000
Pt45	7.960893000	2.815278000	16.357147000 XXXX 1	xx	Pt 0.000
Pt46	0.001573000	0.000506000	16.357341000 XXXX 1	xx	Pt 0.000
Pt47	7.960899000	5.629315000	16.357170000 XXXX 1	xx	Pt 0.000
Pt48	0.001646000	2.814379000	16.357334000 XXXX 1	xx	Pt 0.000
Pt49	5.287565000	2.814316000	15.458684000 XXXX 1	xx	Pt 0.000
Pt50	13.247291000	2.814509000	15.458901000 XXXX 1	xx	Pt 0.000
Pt51	5.287568000	5.628317000	15.458614000 XXXX 1	xx	Pt 0.000
Pt52	13.247305000	5.628505000	15.458936000 XXXX 1	xx	Pt 0.000
Pt53	5.287390000	8.442319000	15.458804000 XXXX 1	xx	Pt 0.000
Pt54	13.247277000	8.442445000	15.458901000 XXXX 1	xx	Pt 0.000
Pt55	2.672406000	5.628978000	15.456614000 XXXX 1	xx	Pt 0.000
Pt56	10.631753000	2.816676000	15.457438000 XXXX 1	xx	Pt 0.000
Pt57	2.672225000	0.000898000	15.456543000 XXXX 1	xx	Pt 0.000
Pt58	10.631704000	5.630681000	15.457427000 XXXX 1	xx	Pt 0.000
Pt59	0.001621000	5.628372000	16.357330000 XXXX 1	xx	Pt 0.000
Pt60	10.631674000	0.002668000	15.457417000 XXXX 1	xx	Pt 0.000

Pt61	5.923567000	1.407706000	17.787241000 XXXX 1	xx	Pt	0.000
Pt62	13.882984000	1.407493000	17.787402000 XXXX 1	xx	Pt	0.000
Pt63	5.923605000	4.221644000	17.787195000 XXXX 1	xx	Pt	0.000
Pt64	13.882974000	4.221485000	17.787412000 XXXX 1	xx	Pt	0.000
Pt65	5.923572000	7.035677000	17.787214000 XXXX 1	xx	Pt	0.000
Pt66	13.882952000	7.035495000	17.787434000 XXXX 1	xx	Pt	0.000
Pt67	7.958541000	0.000612000	19.211899000 XXXX 1	xx	Pt	0.000
Pt68	-0.000409000	0.000455000	19.211876000 XXXX 1	xx	Pt	0.000
Pt69	7.958557000	2.814796000	19.211900000 XXXX 1	xx	Pt	0.000
Pt70	-0.000403000	2.814309000	19.211880000 XXXX 1	xx	Pt	0.000
Pt71	7.958533000	5.628603000	19.211896000 XXXX 1	xx	Pt	0.000
Pt72	-0.000409000	5.628458000	19.211881000 XXXX 1	xx	Pt	0.000
Pt73	3.980668000	0.000409000	19.160340000 XXXX 1	xx	Pt	0.000
Pt74	11.939805000	0.000774000	19.160302000 XXXX 1	xx	Pt	0.000
Pt75	3.980644000	2.814346000	19.160333000 XXXX 1	xx	Pt	0.000
Pt76	11.939805000	2.814860000	19.160300000 XXXX 1	xx	Pt	0.000
Pt77	3.980680000	5.628334000	19.160315000 XXXX 1	xx	Pt	0.000
Pt78	11.939799000	5.628861000	19.160290000 XXXX 1	xx	Pt	0.000
Pt79	2.040388000	1.407658000	17.786962000 XXXX 1	xx	Pt	0.000
Pt80	9.999177000	1.408536000	17.787173000 XXXX 1	xx	Pt	0.000
Pt81	2.040424000	4.221664000	17.786947000 XXXX 1	xx	Pt	0.000
Pt82	9.999136000	4.222536000	17.787230000 XXXX 1	xx	Pt	0.000
Pt83	2.040407000	7.035666000	17.786944000 XXXX 1	xx	Pt	0.000
Pt84	9.999175000	7.036547000	17.787229000 XXXX 1	xx	Pt	0.000
H85	14.944274000	8.441850000	14.968311000 XXXX 1	xx	H	0.000
H86	13.143456000	1.407384000	14.412228000 XXXX 1	xx	H	0.000
H87	6.984856000	2.812201000	14.968165000 XXXX 1	xx	H	0.000
H88	10.740399000	4.224192000	14.410456000 XXXX 1	xx	H	0.000
H89	6.984701000	8.441795000	14.968244000 XXXX 1	xx	H	0.000
H90	10.740120000	1.410194000	14.410432000 XXXX 1	xx	H	0.000
H91	6.984922000	5.627648000	14.968112000 XXXX 1	xx	H	0.000
H92	8.935409000	2.819180000	14.966804000 XXXX 1	xx	H	0.000
H93	0.975726000	2.815170000	14.966420000 XXXX 1	xx	H	0.000
H94	14.944334000	2.814153000	14.968311000 XXXX 1	xx	H	0.000
H95	8.935345000	0.004478000	14.966801000 XXXX 1	xx	H	0.000
H96	0.975747000	5.629370000	14.966402000 XXXX 1	xx	H	0.000
H97	2.779673000	7.036172000	14.409512000 XXXX 1	xx	H	0.000
H98	13.143224000	4.221398000	14.412272000 XXXX 1	xx	H	0.000
H99	0.975594000	0.001586000	14.966325000 XXXX 1	xx	H	0.000
H100	13.143232000	7.035364000	14.412265000 XXXX 1	xx	H	0.000
H101	5.184120000	4.221253000	14.411968000 XXXX 1	xx	H	0.000
H102	5.183331000	7.035386000	14.412065000 XXXX 1	xx	H	0.000
H103	5.182561000	1.407249000	14.412141000 XXXX 1	xx	H	0.000
H104	8.935404000	5.632576000	14.966790000 XXXX 1	xx	H	0.000

H105	2.780092000	4.222257000	14.409568000 XXXX 1	xx	H	0.000
H106	10.740273000	7.038178000	14.410444000 XXXX 1	xx	H	0.000
H107	14.944283000	5.627990000	14.968322000 XXXX 1	xx	H	0.000
H108	2.779654000	1.408290000	14.409543000 XXXX 1	xx	H	0.000
Pt109	3.998831000	0.002610000	24.880208000 XXXX 1	xx	Pt	0.000
Pt110	11.958909000	0.001021000	24.880053000 XXXX 1	xx	Pt	0.000
Pt111	3.998866000	2.816612000	24.880307000 XXXX 1	xx	Pt	0.000
Pt112	11.958935000	2.814996000	24.880046000 XXXX 1	xx	Pt	0.000
Pt113	3.998875000	5.630632000	24.880408000 XXXX 1	xx	Pt	0.000
Pt114	11.958901000	5.628998000	24.880090000 XXXX 1	xx	Pt	0.000
Pt115	7.927202000	2.817106000	27.701513000 XXXX 1	xx	Pt	0.000
Pt116	15.886739000	2.821260000	27.704205000 XXXX 1	xx	Pt	0.000
Pt117	7.927210000	5.631290000	27.701606000 XXXX 1	xx	Pt	0.000
Pt118	15.886771000	5.635222000	27.704192000 XXXX 1	xx	Pt	0.000
Pt119	7.927364000	0.003002000	27.701734000 XXXX 1	xx	Pt	0.000
Pt120	15.886517000	0.007270000	27.704181000 XXXX 1	xx	Pt	0.000
Pt121	5.978434000	1.412212000	26.339951000 XXXX 1	xx	Pt	0.000
Pt122	13.938973000	1.410063000	26.340340000 XXXX 1	xx	Pt	0.000
Pt123	5.978338000	4.226154000	26.340008000 XXXX 1	xx	Pt	0.000
Pt124	13.938985000	4.224148000	26.340371000 XXXX 1	xx	Pt	0.000
Pt125	5.978438000	7.040078000	26.340009000 XXXX 1	xx	Pt	0.000
Pt126	13.938936000	7.038118000	26.340301000 XXXX 1	xx	Pt	0.000
H127	7.189368000	2.817024000	31.069503000 XXXX 1	xx	H	0.000
H128	15.148148000	2.822875000	31.072522000 XXXX 1	xx	H	0.000
H129	10.942338000	4.220959000	30.508441000 XXXX 1	xx	H	0.000
H130	1.033099000	1.416978000	30.514445000 XXXX 1	xx	H	0.000
H131	1.032302000	4.233870000	30.514124000 XXXX 1	xx	H	0.000
H132	1.032614000	7.040677000	30.514876000 XXXX 1	xx	H	0.000
H133	10.943007000	1.406401000	30.508126000 XXXX 1	xx	H	0.000
H134	8.991927000	7.035601000	30.511579000 XXXX 1	xx	H	0.000
H135	8.991168000	4.224065000	30.511570000 XXXX 1	xx	H	0.000
H136	8.992623000	1.411336000	30.511568000 XXXX 1	xx	H	0.000
H137	2.984220000	7.076880000	30.510815000 XXXX 1	xx	H	0.000
H138	2.985224000	1.435436000	30.510327000 XXXX 1	xx	H	0.000
H139	2.983305000	4.249926000	30.511584000 XXXX 1	xx	H	0.000
H140	7.187851000	5.630770000	31.069643000 XXXX 1	xx	H	0.000
H141	15.145438000	5.636541000	31.072482000 XXXX 1	xx	H	0.000
H142	7.193469000	0.003018000	31.069863000 XXXX 1	xx	H	0.000
H143	15.148818000	0.008865000	31.072754000 XXXX 1	xx	H	0.000
H144	4.781369000	5.648933000	31.069804000 XXXX 1	xx	H	0.000
H145	12.743764000	5.628655000	31.068611000 XXXX 1	xx	H	0.000
H146	10.942685000	7.035769000	30.508797000 XXXX 1	xx	H	0.000
H147	4.787799000	2.833990000	31.068712000 XXXX 1	xx	H	0.000
H148	12.744008000	2.814431000	31.068404000 XXXX 1	xx	H	0.000

H149	4.795327000	0.021205000	31.068014000	XXXX 1	xx	H	0.000
H150	12.744860000	0.000955000	31.068298000	XXXX 1	xx	H	0.000
Pt151	4.034955000	5.639465000	27.703406000	XXXX 1	xx	Pt	0.000
Pt152	11.995100000	5.629554000	27.702424000	XXXX 1	xx	Pt	0.000
Pt153	4.035096000	0.011128000	27.702991000	XXXX 1	xx	Pt	0.000
Pt154	11.995150000	0.001647000	27.702183000	XXXX 1	xx	Pt	0.000
Pt155	4.034982000	2.825387000	27.703069000	XXXX 1	xx	Pt	0.000
Pt156	11.995148000	2.815879000	27.702317000	XXXX 1	xx	Pt	0.000
Pt157	1.999594000	1.412371000	26.265410000	XXXX 1	xx	Pt	0.000
Pt158	9.959491000	1.408843000	26.264115000	XXXX 1	xx	Pt	0.000
Pt159	1.999573000	4.226393000	26.265429000	XXXX 1	xx	Pt	0.000
Pt160	9.959497000	4.222818000	26.264241000	XXXX 1	xx	Pt	0.000
Pt161	1.999597000	7.040354000	26.265493000	XXXX 1	xx	Pt	0.000
Pt162	9.959448000	7.036849000	26.264237000	XXXX 1	xx	Pt	0.000
Pt163	7.293465000	4.224732000	30.024379000	XXXX 1	xx	Pt	0.000
Pt164	15.254837000	4.228880000	30.026942000	XXXX 1	xx	Pt	0.000
Pt165	7.295932000	1.410623000	30.024509000	XXXX 1	xx	Pt	0.000
Pt166	15.254724000	1.414878000	30.027265000	XXXX 1	xx	Pt	0.000
Pt167	7.295373000	7.038480000	30.024580000	XXXX 1	xx	Pt	0.000
Pt168	15.253735000	7.042788000	30.027403000	XXXX 1	xx	Pt	0.000
Pt169	4.680517000	7.053240000	30.023478000	XXXX 1	xx	Pt	0.000
Pt170	12.639952000	7.035977000	30.022691000	XXXX 1	xx	Pt	0.000
Pt171	4.680594000	4.239140000	30.024154000	XXXX 1	xx	Pt	0.000
Pt172	12.638302000	4.221932000	30.022666000	XXXX 1	xx	Pt	0.000
Pt173	4.681644000	1.425142000	30.022466000	XXXX 1	xx	Pt	0.000
Pt174	12.639798000	1.407968000	30.022300000	XXXX 1	xx	Pt	0.000
Pt175	2.004166000	4.234040000	29.124259000	XXXX 1	xx	Pt	0.000
Pt176	9.965499000	4.222243000	29.121685000	XXXX 1	xx	Pt	0.000
Pt177	2.005632000	7.048274000	29.124201000	XXXX 1	xx	Pt	0.000
Pt178	9.964605000	7.036153000	29.121414000	XXXX 1	xx	Pt	0.000
Pt179	2.005590000	1.419909000	29.124242000	XXXX 1	xx	Pt	0.000
Pt180	9.965256000	1.408275000	29.121379000	XXXX 1	xx	Pt	0.000
end							
end							

Type-III 0 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt	0.000

Pt7	1.989798000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt8	1.989798000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt9	1.989798000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt10	15.918394000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt11	7.959194000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt12	15.918394000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt13	7.959194000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt14	15.918394000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt15	7.959194000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt16	3.979597000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt17	11.938797000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt18	3.979597000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt19	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt20	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt21	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt22	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt23	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt24	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt25	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt35	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt36	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt37	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	9.948992000	1.407000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt44	9.948992000	4.221000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt45	9.948992000	7.035000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt46	0.000000000	2.814000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt47	0.000000000	5.628000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt48	0.000000000	0.000000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt49	9.949506000	1.402774000	20.596974000 XXXX 1	xx	Pt 0.000
Pt50	9.949508000	4.216775000	20.596971000 XXXX 1	xx	Pt 0.000

Pt51	9.949508000	7.030772000	20.596973000 XXXX 1	xx	Pt 0.000
Pt52	0.004796000	8.438586000	24.878185000 XXXX 1	xx	Pt 0.000
Pt53	0.004797000	2.810587000	24.878186000 XXXX 1	xx	Pt 0.000
Pt54	0.004797000	5.624587000	24.878185000 XXXX 1	xx	Pt 0.000
Pt55	8.021115000	8.424244000	16.306673000 XXXX 1	xx	Pt 0.000
Pt56	15.908518000	8.426134000	16.466418000 XXXX 1	xx	Pt 0.000
Pt57	8.021114000	2.796242000	16.306674000 XXXX 1	xx	Pt 0.000
Pt58	15.908519000	2.798128000	16.466428000 XXXX 1	xx	Pt 0.000
Pt59	8.021115000	5.610245000	16.306675000 XXXX 1	xx	Pt 0.000
Pt60	15.908520000	5.612126000	16.466428000 XXXX 1	xx	Pt 0.000
Pt61	6.037620000	1.387109000	15.060095000 XXXX 1	xx	Pt 0.000
Pt62	13.846815000	1.381033000	14.970576000 XXXX 1	xx	Pt 0.000
Pt63	6.037619000	4.201111000	15.060092000 XXXX 1	xx	Pt 0.000
Pt64	13.846812000	4.195041000	14.970577000 XXXX 1	xx	Pt 0.000
Pt65	6.037618000	7.015110000	15.060095000 XXXX 1	xx	Pt 0.000
Pt66	13.846816000	7.009036000	14.970572000 XXXX 1	xx	Pt 0.000
Pt67	3.967625000	8.422714000	16.230271000 XXXX 1	xx	Pt 0.000
Pt68	11.893778000	8.419985000	16.251895000 XXXX 1	xx	Pt 0.000
Pt69	3.967624000	2.794706000	16.230274000 XXXX 1	xx	Pt 0.000
Pt70	11.893782000	2.791986000	16.251898000 XXXX 1	xx	Pt 0.000
Pt71	3.967626000	5.608715000	16.230270000 XXXX 1	xx	Pt 0.000
Pt72	11.893786000	5.605982000	16.251898000 XXXX 1	xx	Pt 0.000
Pt73	2.002481000	1.382115000	14.911005000 XXXX 1	xx	Pt 0.000
Pt74	15.872693000	8.413308000	13.728074000 XXXX 1	xx	Pt 0.000
Pt75	2.002474000	4.196124000	14.911001000 XXXX 1	xx	Pt 0.000
Pt76	15.872694000	2.785310000	13.728072000 XXXX 1	xx	Pt 0.000
Pt77	2.002481000	7.010112000	14.911003000 XXXX 1	xx	Pt 0.000
Pt78	15.872700000	5.599308000	13.728073000 XXXX 1	xx	Pt 0.000
Pt79	5.955315000	1.396798000	17.812185000 XXXX 1	xx	Pt 0.000
Pt80	13.873462000	1.397087000	17.816850000 XXXX 1	xx	Pt 0.000
Pt81	5.955316000	4.210797000	17.812185000 XXXX 1	xx	Pt 0.000
Pt82	13.873463000	4.211093000	17.816852000 XXXX 1	xx	Pt 0.000
Pt83	5.955317000	7.024803000	17.812182000 XXXX 1	xx	Pt 0.000
Pt84	13.873460000	7.025074000	17.816857000 XXXX 1	xx	Pt 0.000
Pt85	7.997442000	8.434437000	19.166150000 XXXX 1	xx	Pt 0.000
Pt86	7.997443000	2.806436000	19.166153000 XXXX 1	xx	Pt 0.000
Pt87	7.997446000	5.620436000	19.166153000 XXXX 1	xx	Pt 0.000
Pt88	3.974794000	8.437148000	19.200029000 XXXX 1	xx	Pt 0.000
Pt89	11.890608000	8.434420000	19.170399000 XXXX 1	xx	Pt 0.000
Pt90	3.974794000	2.809143000	19.200029000 XXXX 1	xx	Pt 0.000
Pt91	11.890609000	2.806423000	19.170397000 XXXX 1	xx	Pt 0.000
Pt92	3.974792000	5.623148000	19.200032000 XXXX 1	xx	Pt 0.000
Pt93	11.890612000	5.620424000	19.170395000 XXXX 1	xx	Pt 0.000
Pt94	2.034944000	1.397220000	17.780769000 XXXX 1	xx	Pt 0.000

Pt95	9.964259000	1.390988000	17.627618000 XXXX 1	xx	Pt 0.000
Pt96	2.034937000	4.211214000	17.780770000 XXXX 1	xx	Pt 0.000
Pt97	9.964260000	4.204990000	17.627618000 XXXX 1	xx	Pt 0.000
Pt98	2.034941000	7.025211000	17.780770000 XXXX 1	xx	Pt 0.000
Pt99	9.964257000	7.018989000	17.627619000 XXXX 1	xx	Pt 0.000
Pt100	0.001780000	8.432051000	27.842134000 XXXX 1	xx	Pt 0.000
Pt101	7.921347000	8.436001000	27.697887000 XXXX 1	xx	Pt 0.000
Pt102	0.001779000	2.804051000	27.842134000 XXXX 1	xx	Pt 0.000
Pt103	7.921350000	2.808004000	27.697888000 XXXX 1	xx	Pt 0.000
Pt104	0.001779000	5.618049000	27.842132000 XXXX 1	xx	Pt 0.000
Pt105	7.921349000	5.622002000	27.697887000 XXXX 1	xx	Pt 0.000
Pt106	5.978843000	1.403508000	26.277687000 XXXX 1	xx	Pt 0.000
Pt107	13.985089000	1.401612000	26.302562000 XXXX 1	xx	Pt 0.000
Pt108	5.978844000	4.217506000	26.277683000 XXXX 1	xx	Pt 0.000
Pt109	13.985089000	4.215612000	26.302563000 XXXX 1	xx	Pt 0.000
Pt110	5.978842000	7.031508000	26.277686000 XXXX 1	xx	Pt 0.000
Pt111	13.985089000	7.029612000	26.302561000 XXXX 1	xx	Pt 0.000
Pt112	4.005249000	8.434964000	27.667571000 XXXX 1	xx	Pt 0.000
Pt113	12.004077000	8.435917000	27.655591000 XXXX 1	xx	Pt 0.000
Pt114	4.005246000	2.806961000	27.667577000 XXXX 1	xx	Pt 0.000
Pt115	12.004077000	2.807917000	27.655592000 XXXX 1	xx	Pt 0.000
Pt116	4.005247000	5.620963000	27.667577000 XXXX 1	xx	Pt 0.000
Pt117	12.004077000	5.621917000	27.655593000 XXXX 1	xx	Pt 0.000
Pt118	1.961881000	1.401412000	26.309293000 XXXX 1	xx	Pt 0.000
Pt119	1.961879000	4.215412000	26.309295000 XXXX 1	xx	Pt 0.000
Pt120	1.961880000	7.029412000	26.309294000 XXXX 1	xx	Pt 0.000
Pt121	13.994896000	7.023029000	29.216085000 XXXX 1	xx	Pt 0.000
Pt122	3.925541000	2.801598000	30.419419000 XXXX 1	xx	Pt 0.000
Pt123	7.966297000	5.614898000	30.568158000 XXXX 1	xx	Pt 0.000
Pt124	1.942534000	7.023710000	29.169891000 XXXX 1	xx	Pt 0.000
Pt125	12.044532000	5.615097000	30.497800000 XXXX 1	xx	Pt 0.000
Pt126	10.022211000	4.207092000	31.743624000 XXXX 1	xx	Pt 0.000
Pt127	13.994898000	1.395029000	29.216085000 XXXX 1	xx	Pt 0.000
Pt128	7.966297000	2.800900000	30.568157000 XXXX 1	xx	Pt 0.000
Pt129	10.022211000	1.393091000	31.743625000 XXXX 1	xx	Pt 0.000
Pt130	7.966298000	8.428899000	30.568157000 XXXX 1	xx	Pt 0.000
Pt131	10.022211000	7.021092000	31.743624000 XXXX 1	xx	Pt 0.000
Pt132	1.942536000	4.209711000	29.169891000 XXXX 1	xx	Pt 0.000
Pt133	9.972663000	7.026324000	29.008353000 XXXX 1	xx	Pt 0.000
Pt134	13.994897000	4.209030000	29.216085000 XXXX 1	xx	Pt 0.000
Pt135	5.996006000	1.395749000	29.251818000 XXXX 1	xx	Pt 0.000
Pt136	3.925542000	8.429600000	30.419421000 XXXX 1	xx	Pt 0.000
Pt137	5.996007000	7.023748000	29.251818000 XXXX 1	xx	Pt 0.000
Pt138	3.925542000	5.615598000	30.419419000 XXXX 1	xx	Pt 0.000

Pt139	12.044531000	8.429097000	30.497800000	XXXX 1	xx	Pt 0.000
Pt140	12.044532000	2.801099000	30.497800000	XXXX 1	xx	Pt 0.000
Pt141	1.942535000	1.395711000	29.169891000	XXXX 1	xx	Pt 0.000
Pt142	9.972662000	4.212324000	29.008356000	XXXX 1	xx	Pt 0.000
Pt143	5.996007000	4.209749000	29.251819000	XXXX 1	xx	Pt 0.000
Pt144	9.972664000	1.398331000	29.008352000	XXXX 1	xx	Pt 0.000

end
end

Type-III 0.25 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)	
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt2	13.928595000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt3	5.969395000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt4	13.928595000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt5	5.969395000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt6	13.928595000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt7	1.989798000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt8	1.989798000	4.221000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt9	1.989798000	7.035000000	20.628000000	XXXX 1	xx	Pt 0.000	
Pt10	15.918394000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt11	7.959194000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt12	15.918394000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt13	7.959194000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt14	15.918394000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt15	7.959194000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt16	3.979597000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt17	11.938797000	0.000000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt18	3.979597000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt19	11.938797000	2.814000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt20	3.979597000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt21	11.938797000	5.628000000	22.035000000	XXXX 1	xx	Pt 0.000	
Pt22	5.969395000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt23	13.928595000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt24	5.969395000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt25	13.928595000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt26	5.969395000	7.035000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt27	13.928595000	7.035000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt28	1.989798000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt29	9.948998000	1.407000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt30	1.989798000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt31	9.948998000	4.221000000	23.442000000	XXXX 1	xx	Pt 0.000	
Pt32	1.989798000	7.035000000	23.442000000	XXXX 1	xx	Pt 0.000	

Pt33	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt35	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt36	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt37	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	9.948992000	1.407000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt44	9.948992000	4.221000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt45	9.948992000	7.035000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt46	0.000000000	2.814000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt47	0.000000000	5.628000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt48	0.000000000	0.000000000	19.221000000 XXXX 1	xx	Pt 0.000
Pt49	9.944933000	1.403233000	20.596479000 XXXX 1	xx	Pt 0.000
Pt50	9.944928000	4.217225000	20.596478000 XXXX 1	xx	Pt 0.000
Pt51	9.944949000	7.031227000	20.596472000 XXXX 1	xx	Pt 0.000
Pt52	0.004575000	8.440170000	24.880746000 XXXX 1	xx	Pt 0.000
Pt53	0.004586000	2.812169000	24.880750000 XXXX 1	xx	Pt 0.000
Pt54	0.004579000	5.626161000	24.880749000 XXXX 1	xx	Pt 0.000
Pt55	7.980662000	8.425295000	16.331773000 XXXX 1	xx	Pt 0.000
Pt56	15.905068000	8.429809000	16.450073000 XXXX 1	xx	Pt 0.000
Pt57	7.980689000	2.797283000	16.331805000 XXXX 1	xx	Pt 0.000
Pt58	15.905069000	2.801808000	16.450054000 XXXX 1	xx	Pt 0.000
Pt59	7.980662000	5.611290000	16.331787000 XXXX 1	xx	Pt 0.000
Pt60	15.905061000	5.615800000	16.450049000 XXXX 1	xx	Pt 0.000
Pt61	6.035181000	1.385062000	14.927946000 XXXX 1	xx	Pt 0.000
Pt62	13.867930000	1.388340000	14.989391000 XXXX 1	xx	Pt 0.000
Pt63	6.035206000	4.199186000	14.927970000 XXXX 1	xx	Pt 0.000
Pt64	13.867936000	4.202342000	14.989389000 XXXX 1	xx	Pt 0.000
Pt65	6.035178000	7.013178000	14.927956000 XXXX 1	xx	Pt 0.000
Pt66	13.867929000	7.016344000	14.989391000 XXXX 1	xx	Pt 0.000
Pt67	3.986343000	8.424864000	16.246441000 XXXX 1	xx	Pt 0.000
Pt68	11.904210000	8.425712000	16.275975000 XXXX 1	xx	Pt 0.000
Pt69	3.986315000	2.796862000	16.246428000 XXXX 1	xx	Pt 0.000
Pt70	11.904187000	2.797709000	16.275987000 XXXX 1	xx	Pt 0.000
Pt71	3.986357000	5.610869000	16.246424000 XXXX 1	xx	Pt 0.000
Pt72	11.904208000	5.611712000	16.275959000 XXXX 1	xx	Pt 0.000
Pt73	1.987738000	1.387137000	14.953786000 XXXX 1	xx	Pt 0.000
Pt74	15.884277000	8.418269000	13.625801000 XXXX 1	xx	Pt 0.000
Pt75	1.987720000	4.201116000	14.953773000 XXXX 1	xx	Pt 0.000
Pt76	15.884266000	2.790242000	13.625795000 XXXX 1	xx	Pt 0.000

Pt77	1.987719000	7.015131000	14.953795000 XXXX 1	xx	Pt	0.000
Pt78	15.884268000	5.604216000	13.625810000 XXXX 1	xx	Pt	0.000
Pt79	5.948237000	1.396870000	17.784360000 XXXX 1	xx	Pt	0.000
Pt80	13.890256000	1.399242000	17.822446000 XXXX 1	xx	Pt	0.000
Pt81	5.948228000	4.210897000	17.784369000 XXXX 1	xx	Pt	0.000
Pt82	13.890260000	4.213239000	17.822447000 XXXX 1	xx	Pt	0.000
Pt83	5.948225000	7.024882000	17.784343000 XXXX 1	xx	Pt	0.000
Pt84	13.890251000	7.027247000	17.822448000 XXXX 1	xx	Pt	0.000
Pt85	7.977200000	8.435176000	19.171068000 XXXX 1	xx	Pt	0.000
Pt86	7.977211000	2.807175000	19.171069000 XXXX 1	xx	Pt	0.000
Pt87	7.977201000	5.621164000	19.171069000 XXXX 1	xx	Pt	0.000
Pt88	3.987580000	8.437332000	19.199654000 XXXX 1	xx	Pt	0.000
Pt89	11.889547000	8.435615000	19.169209000 XXXX 1	xx	Pt	0.000
Pt90	3.987572000	2.809331000	19.199654000 XXXX 1	xx	Pt	0.000
Pt91	11.889535000	2.807620000	19.169206000 XXXX 1	xx	Pt	0.000
Pt92	3.987571000	5.623315000	19.199646000 XXXX 1	xx	Pt	0.000
Pt93	11.889540000	5.621638000	19.169211000 XXXX 1	xx	Pt	0.000
Pt94	2.027331000	1.398989000	17.789845000 XXXX 1	xx	Pt	0.000
Pt95	9.953663000	1.393641000	17.627359000 XXXX 1	xx	Pt	0.000
Pt96	2.027333000	4.212978000	17.789853000 XXXX 1	xx	Pt	0.000
Pt97	9.953657000	4.207609000	17.627358000 XXXX 1	xx	Pt	0.000
H98	15.808463000	7.009446000	12.566482000 XXXX 1	xx	H	0.000
H99	6.174086000	2.790439000	13.871377000 XXXX 1	xx	H	0.000
H100	10.069977000	2.805739000	32.910476000 XXXX 1	xx	H	0.000
H101	15.808277000	4.195451000	12.566495000 XXXX 1	xx	H	0.000
H102	15.808213000	1.381445000	12.566498000 XXXX 1	xx	H	0.000
H103	6.173487000	8.418448000	13.871271000 XXXX 1	xx	H	0.000
H104	6.174034000	5.604467000	13.871397000 XXXX 1	xx	H	0.000
H105	10.069931000	5.619740000	32.910460000 XXXX 1	xx	H	0.000
H106	10.069732000	8.433736000	32.910473000 XXXX 1	xx	H	0.000
H107	3.778447000	7.027697000	31.605985000 XXXX 1	xx	H	0.000
H108	3.778244000	4.213708000	31.606048000 XXXX 1	xx	H	0.000
H109	3.778423000	1.399720000	31.606111000 XXXX 1	xx	H	0.000
Pt110	2.027316000	7.026983000	17.789854000 XXXX 1	xx	Pt	0.000
Pt111	9.953677000	7.021628000	17.627350000 XXXX 1	xx	Pt	0.000
Pt112	15.914122000	8.437173000	27.849788000 XXXX 1	xx	Pt	0.000
Pt113	7.922152000	8.438643000	27.687088000 XXXX 1	xx	Pt	0.000
Pt114	15.914168000	2.809115000	27.849800000 XXXX 1	xx	Pt	0.000
Pt115	7.922161000	2.810620000	27.687107000 XXXX 1	xx	Pt	0.000
Pt116	15.914125000	5.623085000	27.849796000 XXXX 1	xx	Pt	0.000
Pt117	7.922172000	5.624617000	27.687088000 XXXX 1	xx	Pt	0.000
Pt118	5.961982000	1.404643000	26.277250000 XXXX 1	xx	Pt	0.000
Pt119	13.978264000	1.404181000	26.308258000 XXXX 1	xx	Pt	0.000
Pt120	5.961952000	4.218641000	26.277247000 XXXX 1	xx	Pt	0.000

Pt121	13.978269000	4.218205000	26.308256000	XXXX 1	xx	Pt 0.000
Pt122	5.961966000	7.032633000	26.277246000	XXXX 1	xx	Pt 0.000
Pt123	13.978246000	7.032195000	26.308260000	XXXX 1	xx	Pt 0.000
Pt124	4.001563000	8.437826000	27.692914000	XXXX 1	xx	Pt 0.000
Pt125	11.977899000	8.438741000	27.654214000	XXXX 1	xx	Pt 0.000
Pt126	4.001561000	2.809854000	27.692892000	XXXX 1	xx	Pt 0.000
Pt127	11.977888000	2.810755000	27.654222000	XXXX 1	xx	Pt 0.000
Pt128	4.001567000	5.623869000	27.692896000	XXXX 1	xx	Pt 0.000
Pt129	11.977881000	5.624752000	27.654222000	XXXX 1	xx	Pt 0.000
Pt130	1.972206000	1.404017000	26.305833000	XXXX 1	xx	Pt 0.000
Pt131	1.972204000	4.217997000	26.305825000	XXXX 1	xx	Pt 0.000
Pt132	1.972234000	7.032008000	26.305808000	XXXX 1	xx	Pt 0.000
Pt133	13.964524000	7.029400000	29.200737000	XXXX 1	xx	Pt 0.000
Pt134	3.915257000	2.807359000	30.549040000	XXXX 1	xx	Pt 0.000
Pt135	7.962946000	5.621220000	30.523829000	XXXX 1	xx	Pt 0.000
Pt136	1.969992000	7.029332000	29.145625000	XXXX 1	xx	Pt 0.000
Pt137	12.000451000	5.621881000	30.487853000	XXXX 1	xx	Pt 0.000
Pt138	9.984498000	4.213539000	31.850911000	XXXX 1	xx	Pt 0.000
Pt139	13.964561000	1.401386000	29.200718000	XXXX 1	xx	Pt 0.000
Pt140	7.962927000	2.807232000	30.523807000	XXXX 1	xx	Pt 0.000
Pt141	9.984488000	1.399518000	31.850904000	XXXX 1	xx	Pt 0.000
Pt142	7.962932000	8.435249000	30.523809000	XXXX 1	xx	Pt 0.000
Pt143	9.984485000	7.027472000	31.850910000	XXXX 1	xx	Pt 0.000
Pt144	1.969912000	4.215300000	29.145560000	XXXX 1	xx	Pt 0.000
Pt145	9.963167000	7.030394000	29.027572000	XXXX 1	xx	Pt 0.000
Pt146	13.964564000	4.215400000	29.200709000	XXXX 1	xx	Pt 0.000
Pt147	5.963660000	1.401017000	29.230510000	XXXX 1	xx	Pt 0.000
Pt148	3.915262000	8.435200000	30.549063000	XXXX 1	xx	Pt 0.000
Pt149	5.963568000	7.029024000	29.230518000	XXXX 1	xx	Pt 0.000
Pt150	3.915244000	5.621500000	30.549035000	XXXX 1	xx	Pt 0.000
Pt151	12.000465000	8.435877000	30.487862000	XXXX 1	xx	Pt 0.000
Pt152	12.000467000	2.807871000	30.487850000	XXXX 1	xx	Pt 0.000
Pt153	1.969895000	1.401321000	29.145565000	XXXX 1	xx	Pt 0.000
Pt154	9.963163000	4.216418000	29.027581000	XXXX 1	xx	Pt 0.000
Pt155	5.963642000	4.214978000	29.230520000	XXXX 1	xx	Pt 0.000
Pt156	9.963166000	1.402423000	29.027590000	XXXX 1	xx	Pt 0.000
end						
end						

Type-III 0.96 ML

PBC	15.9184	8.4420	45.4770	90.0000	90.0000	90.0000 (P1)		
Pt1	5.969395000	1.407000000	20.628000000	XXXX 1	xx	Pt 0.000		

Pt2	13.928595000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt3	5.969395000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt4	13.928595000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt5	5.969395000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt6	13.928595000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt7	1.989798000	1.407000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt8	1.989798000	4.221000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt9	1.989798000	7.035000000	20.628000000 XXXX 1	xx	Pt 0.000
Pt10	15.918394000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt11	7.959194000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt12	15.918394000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt13	7.959194000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt14	15.918394000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt15	7.959194000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt16	3.979597000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt17	11.938797000	0.000000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt18	3.979597000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt19	11.938797000	2.814000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt20	3.979597000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt21	11.938797000	5.628000000	22.035000000 XXXX 1	xx	Pt 0.000
Pt22	5.969395000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt23	13.928595000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt24	5.969395000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt25	13.928595000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt26	5.969395000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt27	13.928595000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt28	1.989798000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt29	9.948998000	1.407000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt30	1.989798000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt31	9.948998000	4.221000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt32	1.989798000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt33	9.948998000	7.035000000	23.442000000 XXXX 1	xx	Pt 0.000
Pt34	7.959194000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt35	7.959194000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt36	7.959194000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt37	3.979597000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt38	11.938797000	0.000000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt39	3.979597000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt40	11.938797000	2.814000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt41	3.979597000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt42	11.938797000	5.628000000	24.849000000 XXXX 1	xx	Pt 0.000
Pt43	9.948992000	1.407000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt44	9.948992000	4.221000000	26.256000000 XXXX 1	xx	Pt 0.000
Pt45	9.948992000	7.035000000	26.256000000 XXXX 1	xx	Pt 0.000

Pt46	0.00000000	2.81400000	19.22100000	XXXX 1	xx	Pt 0.000
Pt47	0.00000000	5.62800000	19.22100000	XXXX 1	xx	Pt 0.000
Pt48	0.00000000	0.00000000	19.22100000	XXXX 1	xx	Pt 0.000
Pt49	9.96249200	1.40931200	20.58922900	XXXX 1	xx	Pt 0.000
Pt50	9.96573200	4.21859600	20.58821000	XXXX 1	xx	Pt 0.000
Pt51	9.96288800	7.02879800	20.58860500	XXXX 1	xx	Pt 0.000
Pt52	15.90509100	0.00297700	24.88835300	XXXX 1	xx	Pt 0.000
Pt53	15.90240100	2.81288000	24.88915500	XXXX 1	xx	Pt 0.000
Pt54	15.90562500	5.62208200	24.88811200	XXXX 1	xx	Pt 0.000
Pt55	7.90787000	8.42985400	16.18397400	XXXX 1	xx	Pt 0.000
Pt56	0.06120600	8.43584000	16.35713400	XXXX 1	xx	Pt 0.000
Pt57	8.17613100	2.79549900	16.00073700	XXXX 1	xx	Pt 0.000
Pt58	0.06059100	2.81304700	16.35717800	XXXX 1	xx	Pt 0.000
Pt59	8.17713000	5.62141400	15.99928000	XXXX 1	xx	Pt 0.000
Pt60	0.06109900	5.61610600	16.35675800	XXXX 1	xx	Pt 0.000
Pt61	5.71546500	1.39474600	14.67617100	XXXX 1	xx	Pt 0.000
Pt62	13.88443100	1.40292400	14.87378400	XXXX 1	xx	Pt 0.000
Pt63	5.75002200	4.20818000	14.67789200	XXXX 1	xx	Pt 0.000
Pt64	13.85026100	4.20633100	14.88203000	XXXX 1	xx	Pt 0.000
Pt65	5.71478100	7.01722900	14.67489500	XXXX 1	xx	Pt 0.000
Pt66	13.88224000	7.01090300	14.87272400	XXXX 1	xx	Pt 0.000
Pt67	4.04679900	8.43070300	16.43435500	XXXX 1	xx	Pt 0.000
Pt68	11.87295800	8.42986000	16.28293600	XXXX 1	xx	Pt 0.000
Pt69	4.05027400	2.80816600	16.42758400	XXXX 1	xx	Pt 0.000
Pt70	11.56274000	2.79451000	16.02013700	XXXX 1	xx	Pt 0.000
Pt71	4.04878700	5.61120400	16.42636700	XXXX 1	xx	Pt 0.000
Pt72	11.56192800	5.62299400	16.01812600	XXXX 1	xx	Pt 0.000
Pt73	2.39597600	1.39310300	14.71546200	XXXX 1	xx	Pt 0.000
Pt74	0.12202700	8.42405200	13.55910300	XXXX 1	xx	Pt 0.000
Pt75	2.39311500	4.20692200	14.70742900	XXXX 1	xx	Pt 0.000
Pt76	0.11481800	2.80041300	13.55832400	XXXX 1	xx	Pt 0.000
Pt77	2.39705900	7.01935800	14.71174200	XXXX 1	xx	Pt 0.000
Pt78	0.11332600	5.60534000	13.55863100	XXXX 1	xx	Pt 0.000
Pt79	6.06047100	1.41892900	17.74214100	XXXX 1	xx	Pt 0.000
Pt80	13.90592400	1.42124100	17.73720500	XXXX 1	xx	Pt 0.000
Pt81	6.11692200	4.21322000	17.68785000	XXXX 1	xx	Pt 0.000
Pt82	13.86449700	4.21778300	17.70047300	XXXX 1	xx	Pt 0.000
Pt83	6.06036000	7.00601300	17.74081100	XXXX 1	xx	Pt 0.000
Pt84	13.90753500	7.01163900	17.73653600	XXXX 1	xx	Pt 0.000
Pt85	7.97001500	8.43665500	19.18508500	XXXX 1	xx	Pt 0.000
Pt86	7.97283900	2.80706900	19.17080800	XXXX 1	xx	Pt 0.000
Pt87	7.97324600	5.62484400	19.16993500	XXXX 1	xx	Pt 0.000
Pt88	3.99952100	8.43935800	19.21279600	XXXX 1	xx	Pt 0.000
Pt89	11.93306300	8.43819900	19.15858700	XXXX 1	xx	Pt 0.000

Pt90	4.015440000	2.815326000	19.202665000 XXXX 1	xx	Pt	0.000
Pt91	11.926679000	2.810413000	19.115474000 XXXX 1	xx	Pt	0.000
Pt92	4.015470000	5.622434000	19.202399000 XXXX 1	xx	Pt	0.000
Pt93	11.926412000	5.625109000	19.115114000 XXXX 1	xx	Pt	0.000
Pt94	2.000537000	1.402905000	17.772597000 XXXX 1	xx	Pt	0.000
Pt95	9.901510000	1.373121000	17.689488000 XXXX 1	xx	Pt	0.000
Pt96	2.000415000	4.216082000	17.770911000 XXXX 1	xx	Pt	0.000
Pt97	9.900061000	4.211680000	17.718231000 XXXX 1	xx	Pt	0.000
H98	0.110880000	7.014226000	12.488129000 XXXX 1	xx	H	0.000
H99	5.949695000	2.798696000	13.625814000 XXXX 1	xx	H	0.000
H100	9.856626000	2.806767000	32.990542000 XXXX 1	xx	H	0.000
H101	0.097529000	4.201916000	12.487365000 XXXX 1	xx	H	0.000
H102	0.112369000	1.388549000	12.488815000 XXXX 1	xx	H	0.000
H103	5.944044000	8.427067000	13.629729000 XXXX 1	xx	H	0.000
H104	5.950593000	5.612778000	13.625878000 XXXX 1	xx	H	0.000
H105	2.180374000	5.668557000	30.491529000 XXXX 1	xx	H	0.000
H106	2.167390000	2.807628000	30.567092000 XXXX 1	xx	H	0.000
H107	2.179732000	8.387917000	30.490346000 XXXX 1	xx	H	0.000
H108	4.078863000	7.013999000	14.044849000 XXXX 1	xx	H	0.000
H109	9.874536000	2.761191000	15.397951000 XXXX 1	xx	H	0.000
H110	4.078660000	1.392018000	14.047550000 XXXX 1	xx	H	0.000
H111	9.875072000	5.646547000	15.394511000 XXXX 1	xx	H	0.000
H112	4.094272000	4.202551000	14.074900000 XXXX 1	xx	H	0.000
H113	5.873760000	5.617797000	31.434337000 XXXX 1	xx	H	0.000
H114	5.858303000	2.807320000	31.407536000 XXXX 1	xx	H	0.000
H115	0.077947000	4.252307000	30.080288000 XXXX 1	xx	H	0.000
H116	0.077265000	1.364275000	30.081316000 XXXX 1	xx	H	0.000
H117	5.874762000	-0.002741000	31.436816000 XXXX 1	xx	H	0.000
H118	9.842146000	5.619255000	32.988191000 XXXX 1	xx	H	0.000
H119	9.842434000	8.435895000	32.988169000 XXXX 1	xx	H	0.000
H120	4.008223000	7.029221000	31.850601000 XXXX 1	xx	H	0.000
H121	4.003185000	4.214719000	31.853291000 XXXX 1	xx	H	0.000
H122	4.001024000	1.400467000	31.855973000 XXXX 1	xx	H	0.000
H123	13.854542000	8.405295000	30.512793000 XXXX 1	xx	H	0.000
H124	12.017549000	1.362537000	14.963947000 XXXX 1	xx	H	0.000
H125	12.000820000	4.203718000	14.852504000 XXXX 1	xx	H	0.000
H126	13.869641000	2.807819000	30.624744000 XXXX 1	xx	H	0.000
H127	12.015945000	7.049085000	14.961400000 XXXX 1	xx	H	0.000
H128	11.710639000	1.397235000	31.823888000 XXXX 1	xx	H	0.000
H129	11.708194000	4.211658000	31.824342000 XXXX 1	xx	H	0.000
H130	13.852456000	5.649869000	30.514377000 XXXX 1	xx	H	0.000
H131	7.956310000	4.212102000	31.933860000 XXXX 1	xx	H	0.000
H132	1.995900000	5.607495000	13.544561000 XXXX 1	xx	H	0.000
H133	7.788639000	4.207460000	14.909614000 XXXX 1	xx	H	0.000

H134	7.778563000	7.069791000	14.986545000 XXXX 1	xx	H	0.000
H135	7.959700000	7.027283000	31.931712000 XXXX 1	xx	H	0.000
H136	1.992845000	8.423474000	13.547573000 XXXX 1	xx	H	0.000
H137	7.777536000	1.346032000	14.986817000 XXXX 1	xx	H	0.000
H138	7.956591000	1.401176000	31.935217000 XXXX 1	xx	H	0.000
H139	1.996443000	2.796223000	13.545178000 XXXX 1	xx	H	0.000
H140	11.736027000	7.029897000	31.795761000 XXXX 1	xx	H	0.000
H141	14.134782000	8.420239000	13.680356000 XXXX 1	xx	H	0.000
H142	14.162896000	2.795033000	13.651618000 XXXX 1	xx	H	0.000
H143	14.159728000	5.610735000	13.652702000 XXXX 1	xx	H	0.000
Pt144	2.000103000	7.028686000	17.772405000 XXXX 1	xx	Pt	0.000
Pt145	9.901118000	7.049899000	17.687001000 XXXX 1	xx	Pt	0.000
Pt146	0.050130000	8.413255000	27.788517000 XXXX 1	xx	Pt	0.000
Pt147	7.948860000	8.440772000	27.704819000 XXXX 1	xx	Pt	0.000
Pt148	0.051422000	2.809917000	27.759021000 XXXX 1	xx	Pt	0.000
Pt149	7.948792000	2.810593000	27.706609000 XXXX 1	xx	Pt	0.000
Pt150	0.049538000	5.648101000	27.788626000 XXXX 1	xx	Pt	0.000
Pt151	7.948784000	5.624625000	27.704569000 XXXX 1	xx	Pt	0.000
Pt152	5.933597000	1.408905000	26.275893000 XXXX 1	xx	Pt	0.000
Pt153	13.941564000	1.404987000	26.361913000 XXXX 1	xx	Pt	0.000
Pt154	5.933948000	4.215689000	26.274994000 XXXX 1	xx	Pt	0.000
Pt155	13.941932000	4.219484000	26.362068000 XXXX 1	xx	Pt	0.000
Pt156	5.949800000	7.033856000	26.265062000 XXXX 1	xx	Pt	0.000
Pt157	13.935058000	7.033215000	26.318422000 XXXX 1	xx	Pt	0.000
Pt158	3.890387000	0.016699000	27.737242000 XXXX 1	xx	Pt	0.000
Pt159	11.961324000	0.016352000	27.740576000 XXXX 1	xx	Pt	0.000
Pt160	3.834120000	2.810168000	27.790717000 XXXX 1	xx	Pt	0.000
Pt161	12.003628000	2.811199000	27.776340000 XXXX 1	xx	Pt	0.000
Pt162	3.890842000	5.603600000	27.735930000 XXXX 1	xx	Pt	0.000
Pt163	11.961202000	5.607046000	27.738696000 XXXX 1	xx	Pt	0.000
Pt164	1.976905000	1.402237000	26.306819000 XXXX 1	xx	Pt	0.000
Pt165	1.977284000	4.220253000	26.306574000 XXXX 1	xx	Pt	0.000
Pt166	1.980151000	7.032008000	26.292149000 XXXX 1	xx	Pt	0.000
Pt167	13.996145000	7.029842000	29.192971000 XXXX 1	xx	Pt	0.000
Pt168	4.202338000	2.811489000	30.802457000 XXXX 1	xx	Pt	0.000
Pt169	7.554620000	5.621225000	30.765019000 XXXX 1	xx	Pt	0.000
Pt170	2.043990000	7.029858000	29.293891000 XXXX 1	xx	Pt	0.000
Pt171	11.986306000	5.611908000	30.601908000 XXXX 1	xx	Pt	0.000
Pt172	9.837781000	4.210716000	31.918042000 XXXX 1	xx	Pt	0.000
Pt173	14.308385000	1.394764000	29.458397000 XXXX 1	xx	Pt	0.000
Pt174	7.557149000	2.808650000	30.772268000 XXXX 1	xx	Pt	0.000
Pt175	9.838604000	1.403129000	31.918340000 XXXX 1	xx	Pt	0.000
Pt176	7.554087000	8.437578000	30.767580000 XXXX 1	xx	Pt	0.000
Pt177	9.830336000	7.029490000	31.917980000 XXXX 1	xx	Pt	0.000

Pt178	1.775947000	4.221660000	29.476618000	XXXX 1	xx	Pt 0.000
Pt179	9.888591000	7.031239000	29.120009000	XXXX 1	xx	Pt 0.000
Pt180	14.307784000	4.222939000	29.457749000	XXXX 1	xx	Pt 0.000
Pt181	5.902391000	1.407142000	29.051429000	XXXX 1	xx	Pt 0.000
Pt182	4.238353000	8.437610000	30.804710000	XXXX 1	xx	Pt 0.000
Pt183	5.903746000	7.031002000	29.044002000	XXXX 1	xx	Pt 0.000
Pt184	4.236446000	5.617325000	30.804826000	XXXX 1	xx	Pt 0.000
Pt185	11.986498000	0.004235000	30.603442000	XXXX 1	xx	Pt 0.000
Pt186	12.020153000	2.808172000	30.594376000	XXXX 1	xx	Pt 0.000
Pt187	1.774710000	1.395429000	29.477015000	XXXX 1	xx	Pt 0.000
Pt188	9.889245000	4.211984000	29.120272000	XXXX 1	xx	Pt 0.000
Pt189	5.899973000	4.210233000	29.052151000	XXXX 1	xx	Pt 0.000
Pt190	9.889232000	1.408810000	29.120602000	XXXX 1	xx	Pt 0.000
end						
end						