Zip Demo
PMI Vignette

CHECKLIST

Preparation

1.0 Make sure Master Modeler is loaded on your machine
2.0 Make sure the Orbix deamon is running (.../ideas/ms6/orbix/README)
3.0
4.0

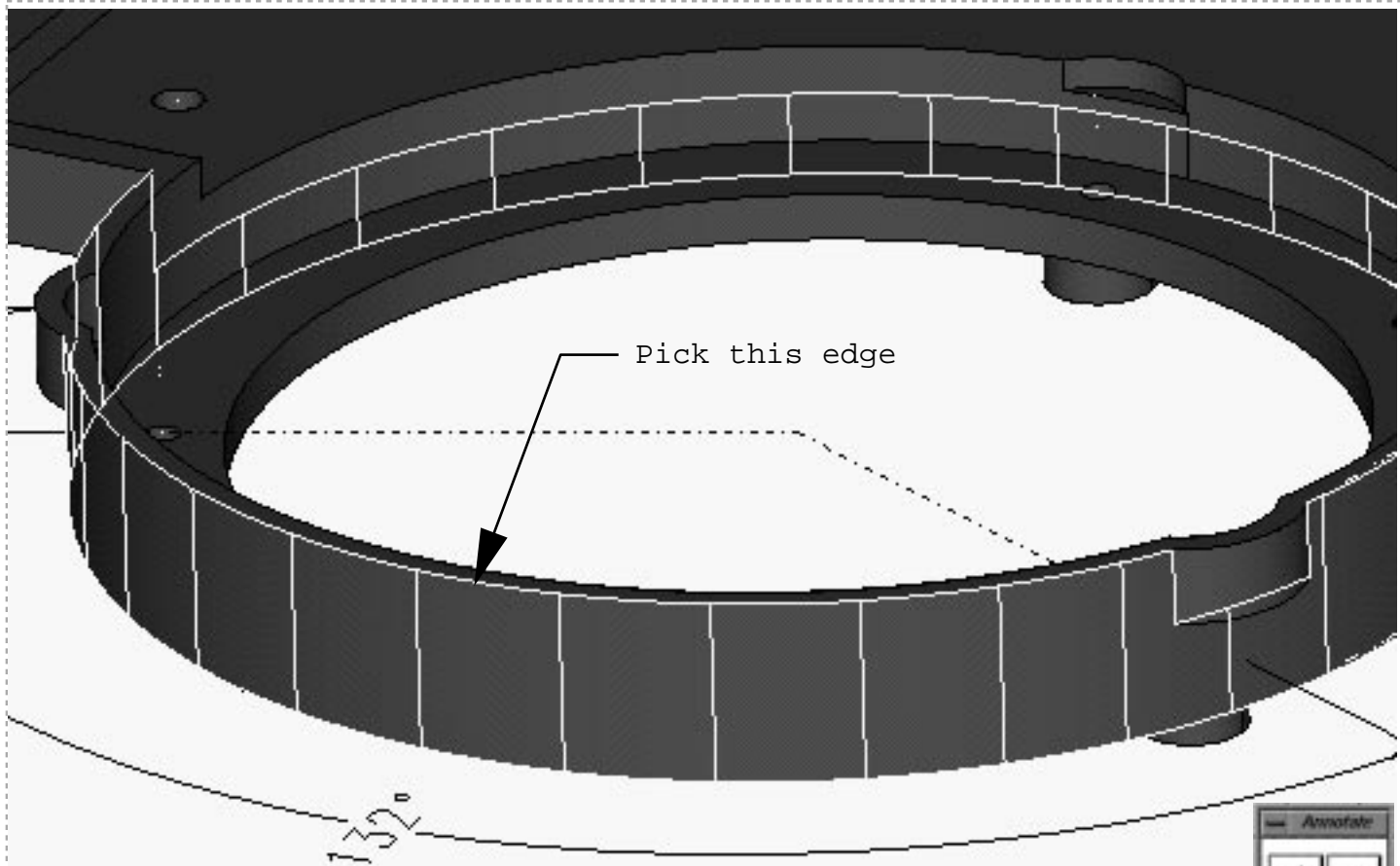## Demonstration Installation and Setup

- Copy or unload the demo files to a local directory

- cd to the directory containing the demo files

- Start I-DEAS
  ```
  Project       = Any
  Model File    = No model file
  Application   = Design
  Task          = Master Modeler
  ```

- File, Import, IDEAS Universal File
  'Zip_PMI_Vignette.unv'

-

- Do the following manually or run
  'Zip_PMI_Vignette.prg'

- **Units, MM**

- **Display Filter, Parts, Centerlines, Coordinate Systems=Off, OK**

- **Display Filter, Workplane=Off**

- **Display Filter, Annotation=On, Measurement Point Labels=On, OK,OK**

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- **Manage Bin, Get 'Motor Lower Housing', Done**

- **Iso View**

- **Zoom All**

- **Shaded Display**

- **Save – use any name you like, i.e., 'Zip_PMI_Vignette'**

- The demonstration is now ready. The above setup only needs to be done once (don't save over your start model file, during the demonstration, make incremental saves under a new name).

- **Activate the PMI Annotation Panel**

- **Zoom in around area shown**

Pick this edge

Create Measurement Points...

•**Zoom in around area shown**

•**Measurement Point...**
        Pick the part
        Hit 'Place Measurement Points' button on form
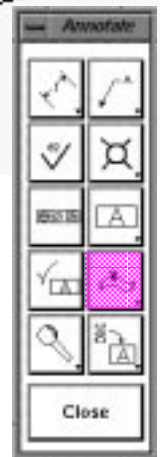   Pick the highlighted surface shown (F90), Done
        MB3, Series
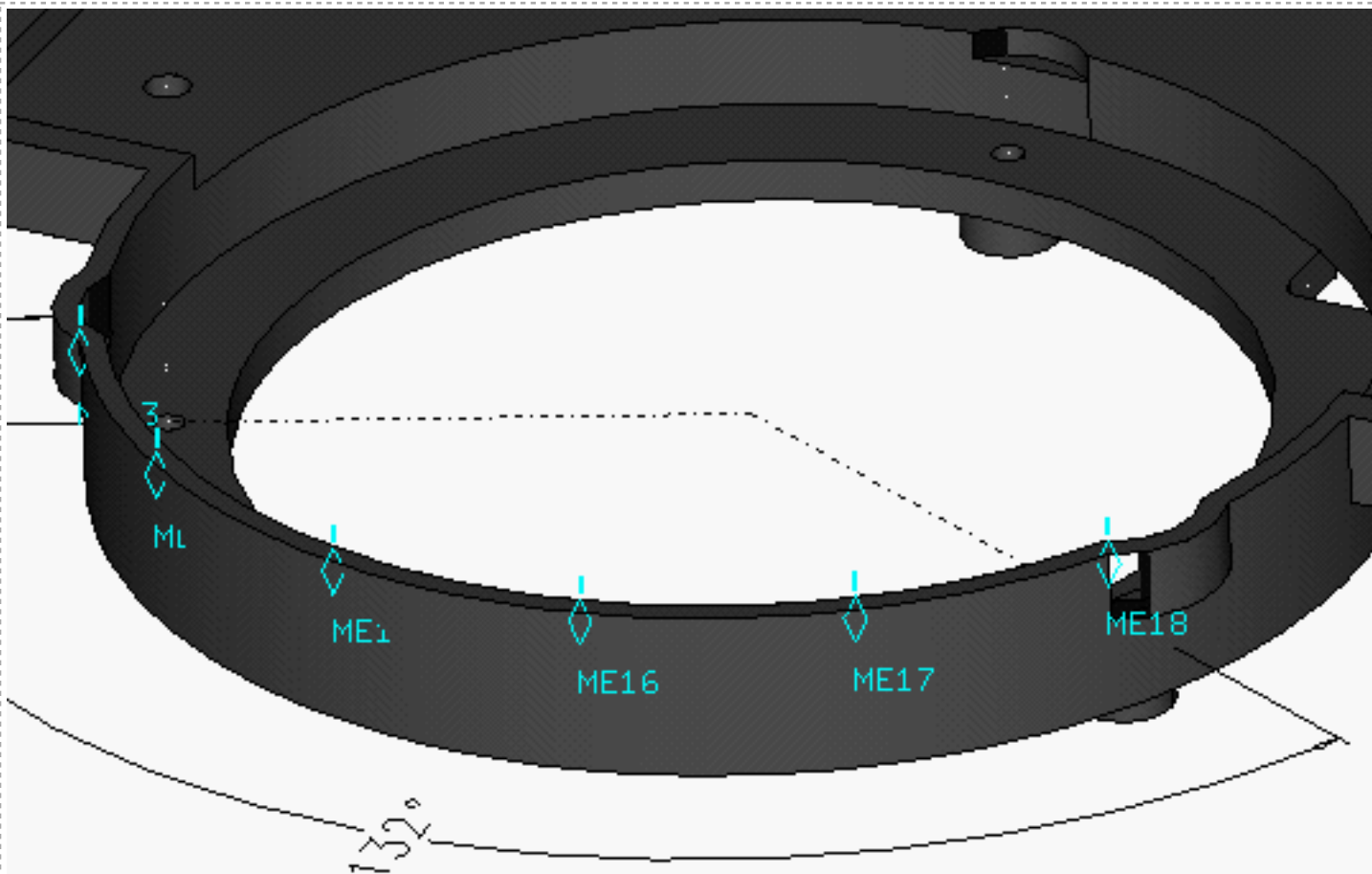   Pick edge shown (E305), Done, Edge offset=0
        Hit 'OK' on 'Reference Series' Form (6 ref points created)
        MB3, 'Pick Existing', pick one of the series ref points, Done
        Hit 'OK' on Create Measurement Points form

Create a point report and attach it to the part...

•Point Report...

        Pick one of the measurement points, MB3, ALL, Done
        Print the report to a file

PMI Point Report

Name: Motor Lower Housing
Type: PART
Part Number:
Version: 0
Revision:
Description:

Label	X Coordinate	Y Coordinate	Z Coordinate
ME13	39.94825	22.46285	2.96765
ME14	47.75292	22.46285	11.44897
ME15	58.46247	22.46285	16.16639
ME16	70.14568	22.46285	16.16639
ME17	80.85523	22.46285	11.44897
ME18	88.65890	22.46285	2.96765

Arrange Symbols
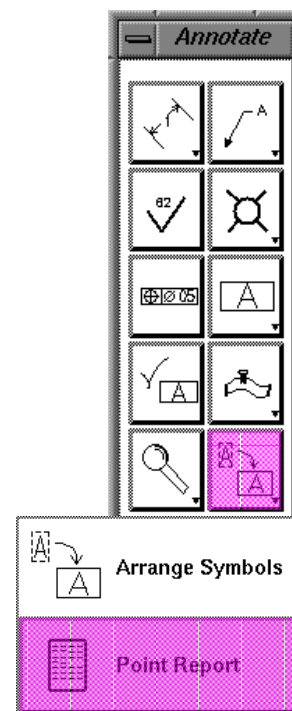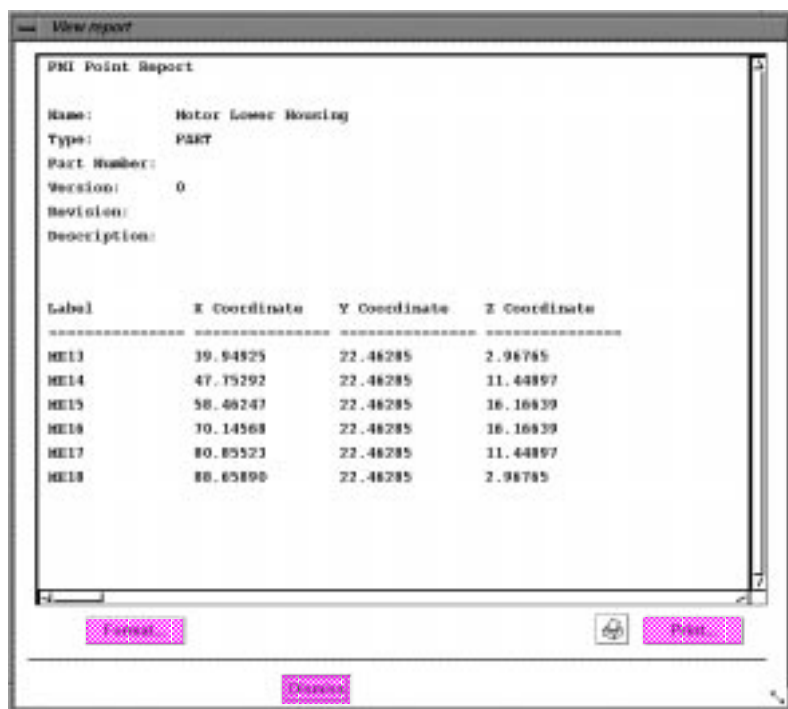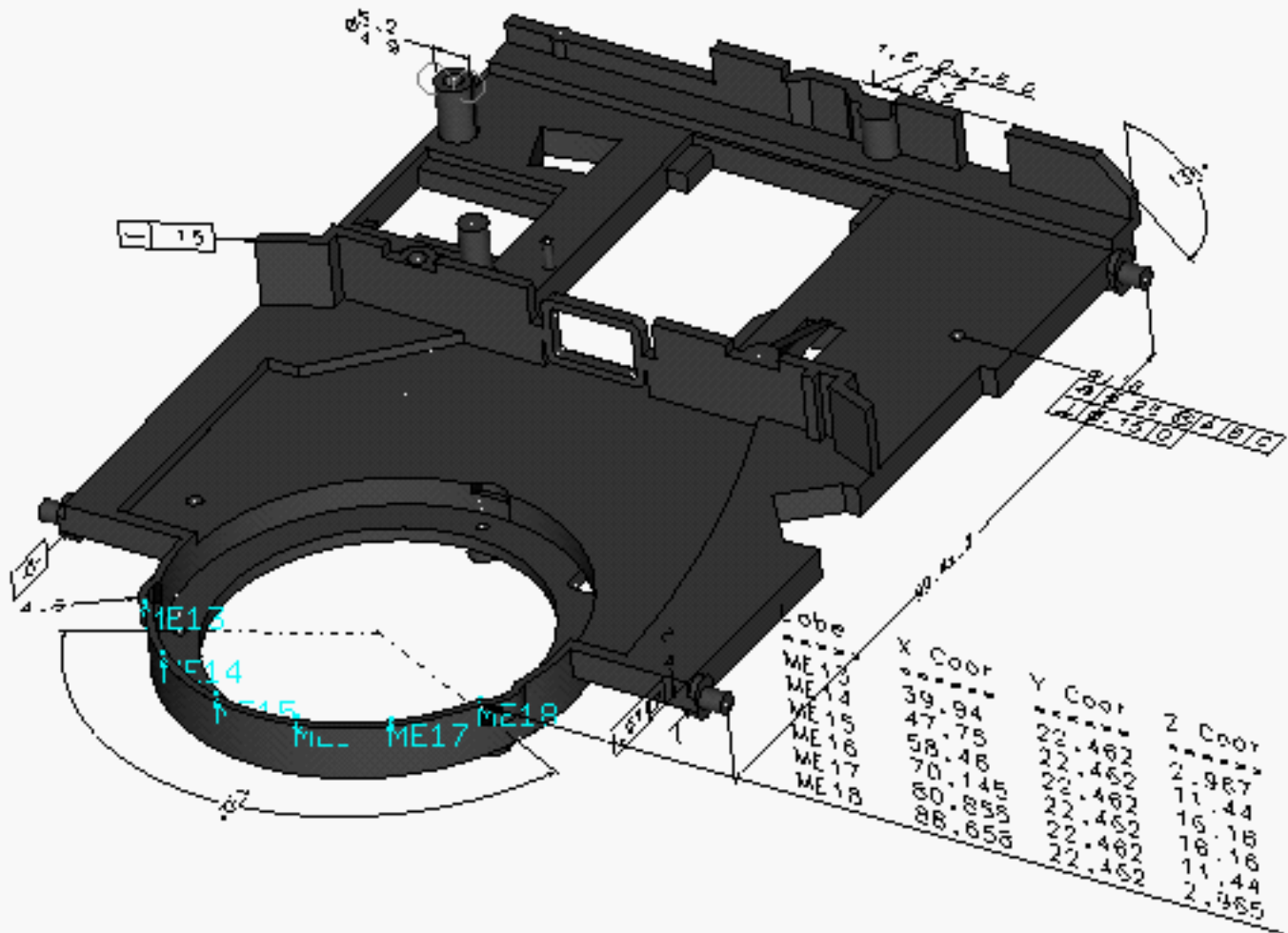
Point Report

•Notes...

       Pick the part
       push the point report down into the window
       Hit 'Attach with leader line'

1/14/97
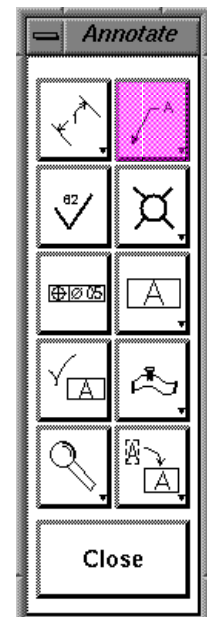
Export to VRML...

- **File, Export, VRML**
        Pick the part, fill-out the forms.

- **Netscape Motor_Lower_Housing.html**

Netscape: Motor_Lower_Housing.html (Untitled)

File   Edit   View   Go   Bookmarks   Options   Directory   Window   Help

Back   Forward   Home   Edit   Reload   Images   Open   Print   Find   Stop   N

Location: file:/usr/people/rdickers/Zip_PMI/Motor_Lower_Housing.html

Mail | What's New? | What's Cool? | Destinations | Net Search | Welcome

Units: MM   SDRC Inc.(c) 1996

Labe	X Coor	Y Coor	Z Coor
ME13	39.94	22.462	3.967
ME14	47.75	22.462	11.44
ME15	58.46	22.462	16.16
ME16	70.145	22.462	16.16
ME17	80.855	22.462	11.44
ME18	88.658	22.462	3.965

■ Notes...
■ Dimensions...
■ Wireframe
■ Centerlines

TextScaling   Menu   Translucency

Isometric View

SiliconGraphics

Created by **I-DEAS Master Series**

Part Name	Part Number	Revision	Version	*Info* (author data)
Motor Lower Housing			0	

Company Name: SDRC
Owner: Richard Dickerson
E-mail: Richard.Dickerson@sdrc.com
Project: Zip PMI Vignette