■Suggested Exercise Steps

1. Start MSC.Patran and create a new database.
2. Import the Nastran input file **antenna.bdf**.
3. Note the existing coordinate systems.
4. Export a .bdf file from Patran.
5. Review the .bdf to see that the coordinate systems are not nested.
6. Change the translation parameters in Patran and export another .bdf file.
7. Review the second .bdf file to ensure that the coordinate systems are nested.
8. Modify the .bdf to rotate the antenna assembly 90 degrees so that the X axis of coord 390000 is aligned with the basic Y axis.
9. Save the .bdf file.
10. Open a new database in Patran.
11. Import the modified .bdf.
12. View the rotated model.
13. Explore additional transformations using coord 390003

MSC SOFTWARE
SIMULATING REALITY