NewFormat Quick Reference

Version 4.0.6

Revision History
1/8/2010 Edited by AECOM Consult, Inc.
4/15/2010 Edited by RSG, Inc.

Syntax:

NewFormat [-Q] [control_file]

Purpose:

1. Converts Version 3 transit driver plans to a Version 4 transit driver file.
2. Converts a Version 3 population file to a Version 4 household and population file
3. Converts a Version 3 activity file to a Version 4 activity file
4. Converts a Version 3 survey activity file to a Version 4 survey activity file
5. Convert the X-Y coordinates in a survey activity file to the TRANSIMS coordinate system and then match the location to the nearest activity location.
6. Estimates locations for activities without coordinates based on the prior and following activity locations and excluded households located outside the modeling region.

Required Keys

AT LEAST ONE OF THE VERSION3 OPTIONS	

Optional Keys

TITLE	Text
REPORT_FILE	*Filename*
REPORT_FLAG	FALSE {true/false/yes/no/1/0}
PROJECT_DIRECTORY	*Pathname*
DEFAULT_FILE_FORMAT	VERSION3 {(1)}
VERSION3_DRIVER_PLANS (3)	[project_directory]*filename*
VERSION3_POPULATION_FILE (4)	[project_directory]*filename*
VERSION3_ACTIVITY_FILE (5)	[project_directory]*filename*
VERSION3_SURVEY_ACTIVITY (6)	[project_directory]*filename*
NEW_DIRECTORY	*Pathname*
NEW_TRANSIT_DRIVER_TABLE	[new_directory]*filename*
NEW_HOUSEHOLD_FILE	[project_directory]*filename*
NEW_POPULATION_FILE	[project_directory]*filename*
NEW_ACTIVITY_FILE	[project_directory]*filename*
TIME_OF_DAY_FORMAT	HOURS {(2)}
NET_DIRECTORY	*Pathname*
NET_NODE_TABLE	[net_directory]*filename*

NET_LINK_TABLE	[net_directory]*filename*
NET_PARKING_TABLE	[net_directory]*filename*
NEW_DEFAULT_FORMAT	[default_file_format] {(1)}
NEW_TRANSIT_DRIVER_FORMAT	[new_default_format] {(1)}
NEW_HOUSEHOLD_FORMAT	[default_file_format] {(1)}
NEW_POPULATION_FORMAT	[default_file_format] {(1)}
NEW_ACTIVITY_FORMAT	[default_file_format] {(1)}
NET_DEFAULT_FORMAT	[default_file_format] {(1)}
NET_NODE_FORMAT	[net_default_format] {(1)}
NET_LINK_FORMAT	[net_default_format] {(1)}
NET_PARKING_FORMAT	[net_default_format] {(1)}
INPUT_COORDINATE_SYSTEM	System, Code, Units (7)
INPUT_ADJUSTMENT_FACTORS	X offset, Y offset, X factor, Y factor (8)
OUTPUT_COORDINATE_SYSTEM	System, Code, Units (7)
OUTPUT_ADJUSTMENT_FACTORS	X offset, Y offset, X factor, Y factor (8)
OUTPUT_XYZ_SHAPES	FALSE {true/false/yes/no/1/0}
OUTPUT_XYM_SHAPES	FALSE {true/false/yes/no/1/0}

Notes

1	{VERSION3, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL, SQLITE3}
2	{HOURS, SECONDS, 24_HOUR_CLOCK, 12_HOUR_CLOCK}
3	Transit Driver Plan conversion requires a new driver plan file and the node and link files
4	Population File conversion requires new household and population files
5	Activity File conversion requires a new activity file and a Version 3 population file
6	Survey Activity File conversion requires a new activity file.
7	System options include: UTM, STATEPLAN, and LATLONG Code is the FIPS code number for the system (e.g., Oregon North = 3601) Unit options include: FEET, METERS, MILES, KILOMETERS, DEGREES, and MILLION_DEGREES.
8	X and Y offsets are added to the coordinate values X and Y factors are multiply the coordinate values