

## MOTION DATA

COLUMNS	COMMENTARY
GENERAL	THIS LINE IS USED TO SPECIFY ACCELERATIONS USED TO CALCULATE THE INERTIA LOADING.
< 1- 6 >	ENTER 'MOTION'.
< 7-10 >	ENTER THE LOAD CASE NAME FOR THIS LOAD CASE. IF LEFT BLANK, PROGRAM USES LOAD CASE NAMES IN SEQUENCE OF THE LOAD CASES AS GENERATED.
< 11-40 >	ENTER THE ROLL, PITCH AND YAW ANGLES AND PERIODS.
< 41-55 >	ENTER THE TRANSLATIONAL ACCELERATIONS IF APPLICABLE.
< 56-76 >	ENTER THE CENTER OF ROTATION TO BE USED IN CALCULATING THE INERTIA FORCES FOR THIS LOAD CONDITION IF DIFFERENT FROM THE DEFAULT.
< 77 >	ENTER 'G' IF THE EFFECTS OF GRAVITY (SELF WEIGHT) ARE TO BE INCLUDED. ENTER 'L' IF THE EFFECTS OF GRAVITY ARE TO BE INCLUDED IN LATERAL FORCES ONLY.
	ENTER 'H' TO INCLUDE GRAVITY AND TO FORCE THE HEAVE ACCELERATIONS TO BE VERTICAL.
< 78 >	ENTER 'N' IF THE STRUCTURAL WEIGHT IS TO BE IGNORED.

LINE LABEL	LOAD CASE NAME	MOTION DATA									CENTER OF ROTATION			INCLUDE GRAVITY OPTION	EXCLUDE STRUCT WEIGHT OPTION	
		ROLL DATA		PITCH DATA		YAW DATA		TRANSLATIONAL ACCELERATION			X	Y	Z			
		ANGLE	PERIOD	ANGLE	PERIOD	ANGLE	PERIOD	SURGE	SWAY	HEAVE						
MOTION																
1-----6	7----->10	11<-----15	16<-----20	21<-----25	26<-----30	31<-----35	36<-----40	41<-----45	46<-----50	51<-----55	56<-----60	61<-----65	66<-----70	71<-----75	77	78
DEFAULT																
ENGLISH		DEG	SEC	DEG	SEC	DEG	SEC	G'S	G'S	G'S	FT	FT	FT			
METRIC		DEG	SEC	DEG	SEC	DEG	SEC	G'S	G'S	G'S	M	M	M			