Contents and structure of an .eqdsk file (every cell of every line is separated by a space in the real file)('…' means that data of variable size is stored there)

SCRIPTNAME version	:	[DAY]:[MONTH]:[YEAR]	Dummy variable	# R POINTS	# Z POINTS
Horizontal (R) dimension in meter of computational box	Vertical (Z) dimension in meter of computational box	RCENTR. R in meter of vacuum toroidal magnetic field BCENTR	Minimum R in meter of rectangular computational box	Z of center of computational box in meter	
R of magnetic axis in meter	Z of magnetic axis in meter	Poloidal flux at magnetic axis in Weber/rad	Poloidal flux at the plasma boundary in Weber/rad	BCENTR. Vacuum toroidal magnetic field in Tesla at RCENTR	
Plasma current in Ampere	Poloidal flux at magnetic axis in Weber/rad	Dummy variable	R of magnetic axis in meter	Dummy variable	
Z of magnetic axis in meter	Dummy variable	Poloidal flux at the plasma boundary in Weber/rad	Dummy variable	Dummy variable	
Poloidal current function in meterTesla, F = RBT on flux grid (EXTENDS OVER (# R POINTS) CELLS)	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…			
Plasma pressure P in nt / m2 on uniform flux grid (EXTENDS OVER (# R POINTS) CELLS)	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…			
FF'(psi) in (mT)2 / (Weber/rad) on uniform flux grid (EXTENDS OVER (# R POINTS) CELLS)	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…			
P'(psi) in (nt/m2) / (Weber/rad) on uniform flux grid (EXTENDS OVER (# R POINTS) CELLS)	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…			
Poloidal flux in Weber/rad on the rectangular grid points (EXTENDS OVER (# R POINTS) x (# Z POINTS) CELLS)	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…	…	…	
…	…	…	…		
q values on uniform flux grid from axis to boundary (EXTENDS OVER (# R POINTS) CELLS)	…	…	…	…	

SCRIPTNAME version	:	[DAY]:[MONTH]:[YEAR]	Dummy variable	# R POINTS	# Z POINTS
…	…	…	…	…	
…	…	…	…	…	
…	…	…			
Number of boundary points	Number of limiter points	If (Number of boundary points) > 0, R of boundary point 1 in meter	If (Number of boundary points) > 0, Z of boundary point 1 in meter	If (Number of boundary points) > 0, R of boundary point 2 in meter	
If (Number of boundary points) > 0, Z of boundary point 2 in meter	…	…	If (Number of boundary points) > 0, R of boundary point (Number of boundary points) in meter	If (Number of boundary points) > 0, Z of boundary point (Number of boundary points) in meter	
If (Number of limiter points) > 0, R of limiter point 1 in meter	If (Number of limiter points) > 0, Z of limiter point 1 in meter	If (Number of limiter points) > 0, R of limiter point 2 in meter	If (Number of limiter points) > 0, Z of limiter point 2 in meter	…	
…	If (Number of limiter points) > 0, R of limiter point (Number of limiter points) in meter	If (Number of limiter points) > 0, Z of limiter point (Number of limiter points) in meter			