

## NMQC 1.0

```
LOAD IMAGE_PATH <string path>
LOAD IMAGE_FORMAT <DICOM | ASCII | RAW>
LOAD NUMBER_TYPE <INT8 | UINT8 | INT16 | UINT16 | INT32 | INT64 | FLOAT32 | FLOAT64>
LOAD ENDIANESS <LITTLE | BIG>
LOAD AUTO_DIM <ON | OFF>
LOAD <FRAMES | ROWS | COLUMNS> <int dimension>
LOAD IMAGE NOW

SET <VOXEL_SIZES> <float size_tra> <float size_cor> <float size_sag>
SET <FINE_DRAWING | BUFFERED_DRAWING | INVERT_COLORS> <ON | OFF>
SET VIEW <TRA | COR | SAG>

SHOW <NAVIGATION | VOXEL_VALUE | ANNOTATIONS> <ON | OFF>

GOTO <int tra> <int cor> <int sag>
GOTO <IMAGE_MAX | IMAGE_MIN>

SAVE IMAGE_PATH <string path>
SAVE IMAGE_FORMAT <ASCII | RAW>
SAVE NUMBER_TYPE <INT8 | UINT8 | INT16 | UINT16 | INT32 | INT64 | FLOAT32 | FLOAT64>
SAVE ENDIANESS <LITTLE | BIG>
SAVE SCALE <ON | OFF>
SAVE IMAGE NOW

TRANSFORM FLIP <SI | LR | AP>
TRANSFORM SWITCH <CT | ST>
TRANSFORM ROT90
TRANSFORM ROTATE <float degrees>
TRANSFORM STACK
TRANSFORM AVERAGE <ON | OFF>
TRANSFORM SUBSAMPLE <2.5D | 3D>
TRANSFORM SHIFT <VERTICAL | HORIZONTAL> <int shift>
TRANSFORM CROP PAD <float pad>
TRANSFORM CROP MODE <IN | OUT>
TRANSFORM CROP <TRA_LOW | SAG_LOW | COR_LOW | TRA_HIGH | COR_HIGH | SAG_HIGH> <int limit>
TRANSFORM CROP <VALUES | DIMENSIONS> NOW

FILTER TYPE <2D | 2.5D | 3D>
FILTER ALGORITHM <GAUSS | MEDIAN | BUTTERWORTH | CONV_STANDARD | CONV_SPECIAL | CONV_CUSTOM>
FILTER GAUSS <float width>
FILTER MEDIAN <int size>
FILTER BUTTERWORTH <LOWPASS | HIGHPASS>
FILTER CUTOFF <float cutoff>
FILTER ORDER <float order>
FILTER CONV_TYPE <string type>
FILTER CONV_SIZE <float size>
FILTER SPEC_KERNEL <string kernel>
FILTER CUST_KERNEL <string path>
FILTER IMAGE NOW

IMCALC <THRESHOLD_ABOVE | THRESHOLD_BELOW> <float threshold> <float pad>
IMCALC LOG
IMCALC ABS
IMCALC DECAY <float time> <string nuclide>
IMCALC <ADD | SUB | MUL | DIV> <float value>
IMCALC REPLACE <float what> <float by>
```