

Using Mixed-precision SuperLU_DIST in PETSc

Summary: more memory & same number of iterations

64H real*8	64H real*4
50	50
53	53
57	57
57	57
56	56
56	56
57	57
57	57
57	57
57	57
1.52TB	1.73TB

64J real*8	64J real*4
50	50
54	55
56	56
56	56
56	56
56	56
56	56
56	56
56	56
56	56
56	56
1.88TB	1.93TB