on ranks {0,1,2,3}: 2 instances: instance 0: instance 1: ranks {0,2} ranks {1,3} 999999999999 0-0-0-0-0-0-0-0-0-0 00000000000000 on ranks {0,2}: ranks {1,3}: 4 instances: 5 instances: 0 3 0 3 2 9999999999999 

9999999999999