ataPrimaryPointingLocks.pic v2.0 2010−Jan−06 18:36:49 UTC

ATA Backend Primary Pointing Locks − Primary Pointing Change

ATA	Primary User	Secondary User

[observing, have use−pointing lock]

[observing, have use−pointing loc

request change−pointing lock   [decide to change primary pointing]

request use−pointing lock release
     request use−pointing lock release   [wind down & stop observing]

release use−pointing lock   [continue observing until last minute]

    release use−pointing lock

primary pointing change about to occur   [stop observing]

primary pointing change about to occur

change−pointing lock granted
    [change primary pointing]

release change−pointing lock

ok to request use−pointing lock
    ok to request use−pointing lock

request use−pointing lock
    request use−pointing lock

use−pointing lock granted
    use−pointing lock granted
    [resume observing]

[resume observing]