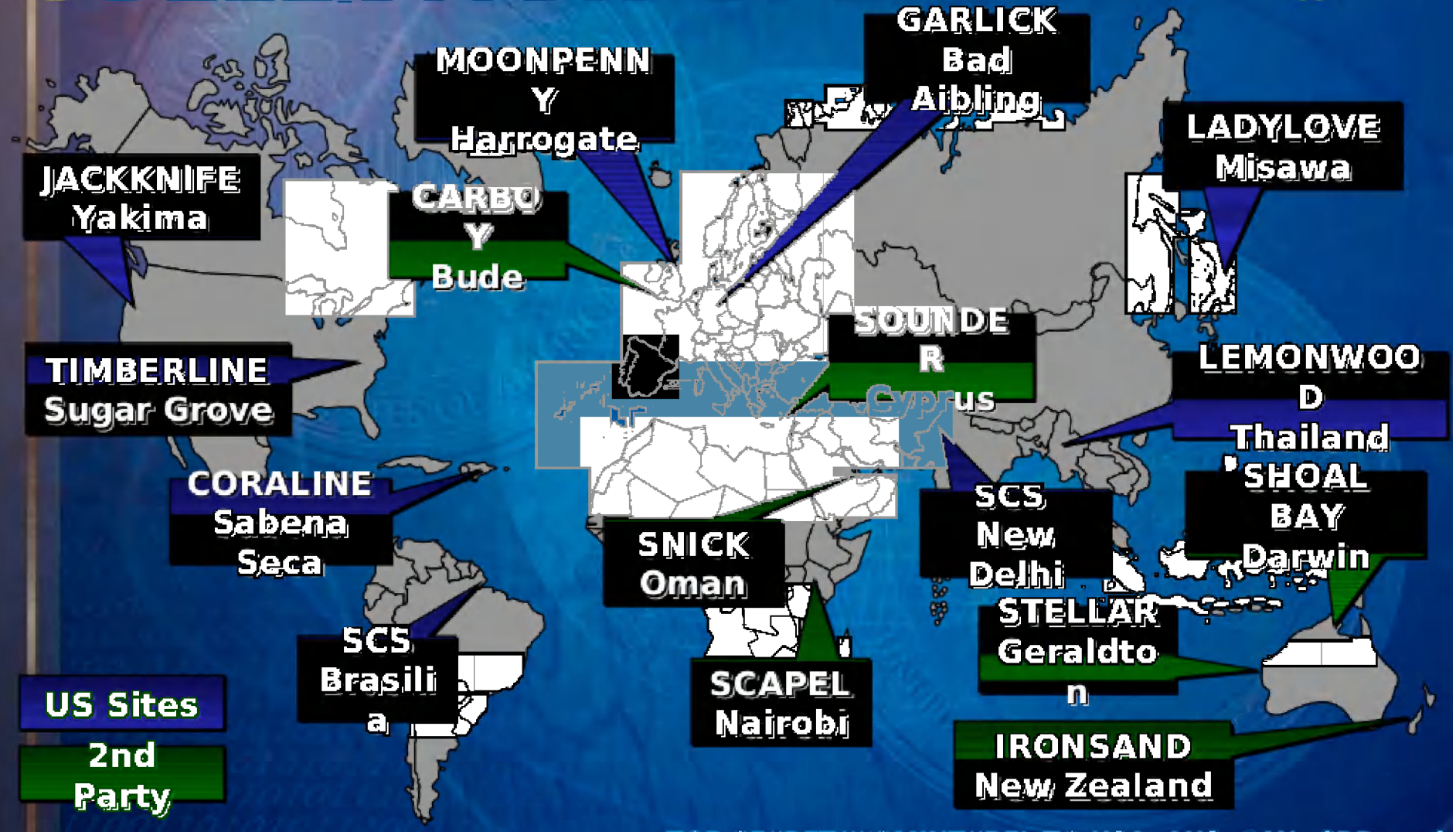PRIMARY FORNSAT COLLECTION OPERATIONS