Legend:

**Field:**

**FieldName**

**global**

**local**

**(indicates more stuff)**

**F**

**(=G@)**

**Function:**

**Delagate /**

**Anonamous function:**

**(called function)**

**(calling function)**

**G**

**(calls G)**

**Additional Items:**

**xN indicates there are N of them**

**Unused functions**

**Used functions**

**thelib:**

**member**

**Lexicon set up as module:**

**Stuff from other file (just what the other file uses, ignore internal dependancies):**

**Filename.ks**

**lib\_manuver.ks <11/29/2021>**

**manuver:**

**LowestSafeOrbitWithBuffer**

toInSOI

plungeFromSOI

trimOrbit

matchInclination

getTransferTime

toPlanet

toPlanetFromMoon

executeManuverNode

toInSOIFromApsi

manuverTo

plungeTo

trimOrbit

m\_matchInclination

getTransferTime

toPlanet

toPlanetFromMoon

m\_exec

manuverToApsi

save

**<bootscript>**

m\_multexec

dockApproach

Multimode\_change\_eta

m\_opt

m\_opt\_pro

m\_opt\_eta

**(more stuff; mostly things that return values; called throughout)**

NOTES:

M\_matchInclination: etaDescendingNode, m\_exec, diag, rel\_inclination

trimOrbit: U, get\_v\_c, m\_exec,

dockApproach: diag, m\_opt, closest\_aproach

ManuverTo: diag, m\_opt, rel\_inclination, getPerapsisDirVec, getApproxBurnTo, m\_multexec, m\_exec, dockApproach, breakpoint,Multinode\_changeEta, closest\_aproach

ManuverToApsi: diag, m\_opt , rel\_inclination, getPerapsisDirVec, getApproxBurnTo, m\_multexec, m\_exec, dockApproach, breakpoint, closest\_aproach

PlungeTo: diag, rel\_inclination, m\_opt\_eta, m\_opt, U\_e, getApproxBurnToVelocity

toPlanet: m\_opt\_pro, m\_opt, etaDescendingNode, closest\_approach\_flat, diag, modsym, getTransferTime, getBurnToPlanet, closest\_aproach

toPlanetFromMoon: m\_opt\_pro, getTransferTime, getLowestSafeOrbit, lockEtaParallelToEjection, TimeOfNextPeriapsis, shouldDive, getBurnToPlanet,