REACTION CONTROL SYTEM ISOLATION VALVES

V 2.15

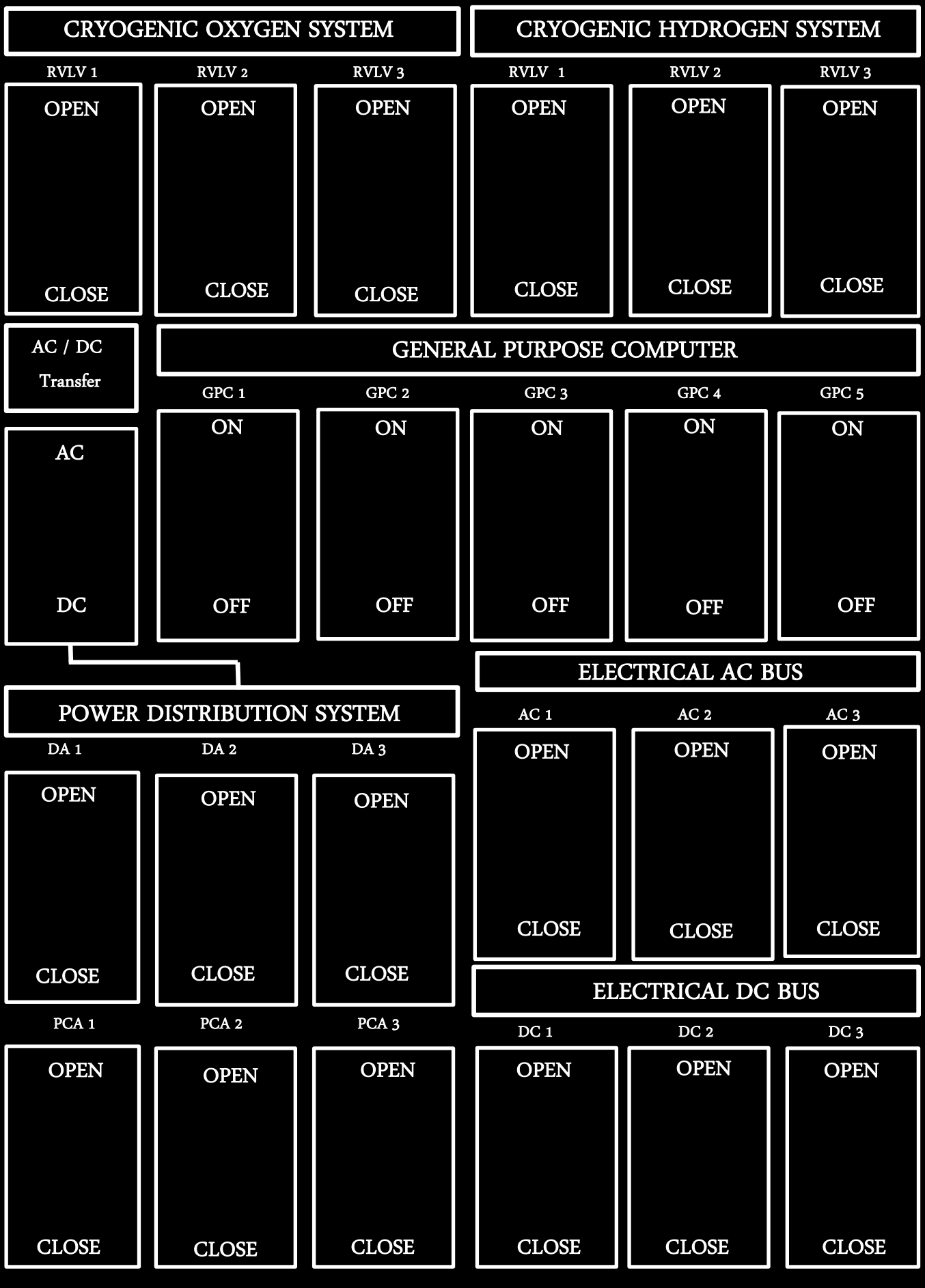
Primary A	Secondary A	Primary B	Secondary B	Leg 1/2	Leg 3/4/5
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

O2 Out Term	Manifold 1	Manifold 2	Manifold 3	Manifold 4	Manifold 5
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

ORBITAL MANEUVERING SYSTEM

OVIV 1	OVIV 2	OTIV A	OTIV B	OCV A	OCV B
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

FTIV A	FTIV B	FCV A	FCV B	CV 1	CV 2
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE


CRYOGENIC OXYGEN SYSTEM
CRYOGENIC HYDROGEN SYSTEM
RVLV 1
RVLV 2
RVLV 3
RVLV 1
RVLV 2
RVLV 3
OPEN
CLOSE
AC / DC
Transfer
AC
DC
GENERAL PURPOSE COMPUTER
GPC 1
GPC 2
GPC 3
GPC 4
GPC 5
ON
OFF
POWER DISTRIBUTION SYSTEM
ELECTRICAL AC BUS
DA 1
DA 2
DA 3
AC 1
AC 2
AC 3
ELECTRICAL DC BUS
PCA 1
PCA 2
PCA 3
DC 1
DC 2
DC 3

REACTION CONTROL SYTEM ISOLATION VALVES

V 2.15

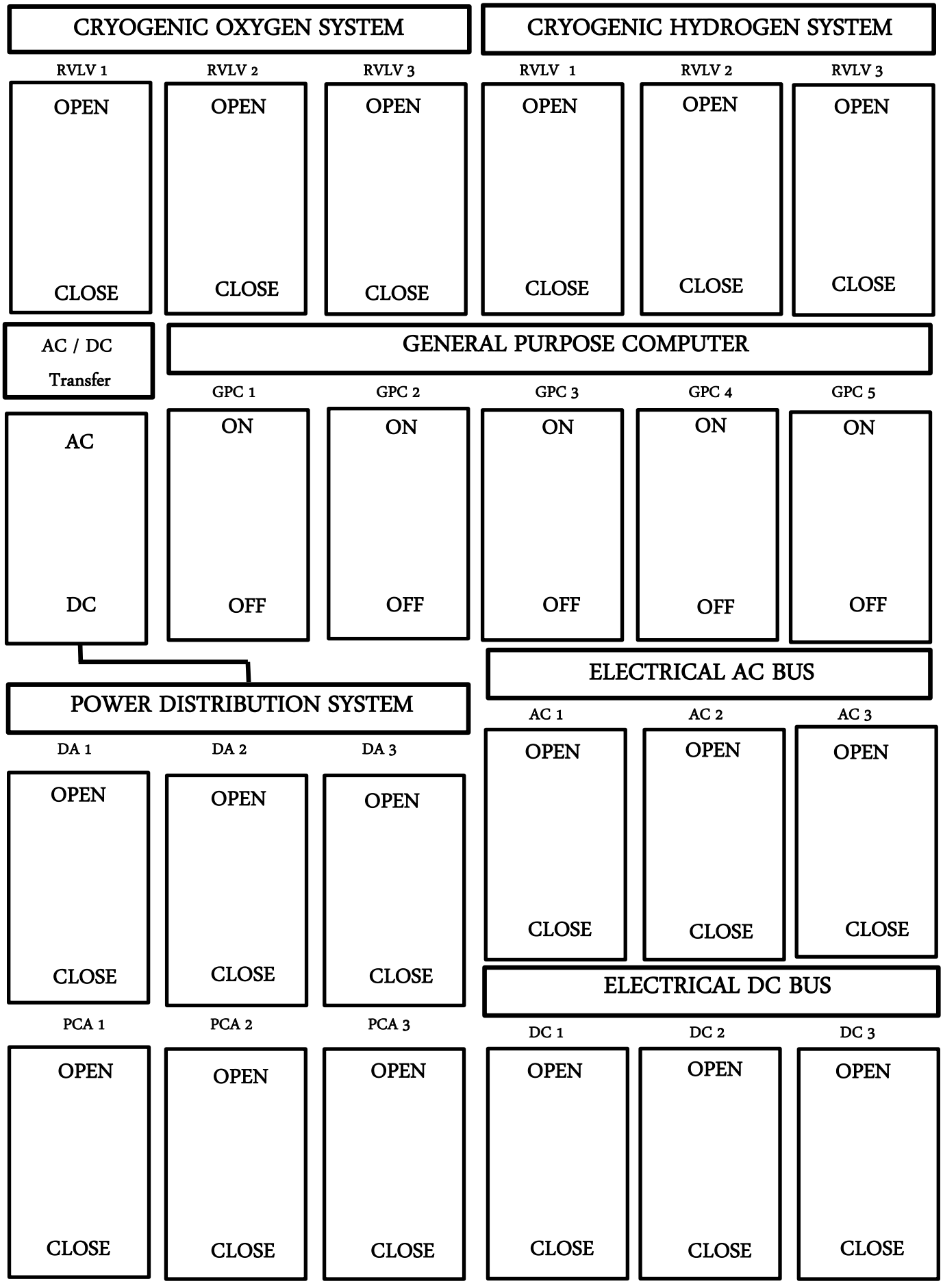
Primary A	Secondary A	Primary B	Secondary B	Leg 1/2	Leg 3/4/5
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

O2 Out Term	Manifold 1	Manifold 2	Manifold 3	Manifold 4	Manifold 5
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

ORBITAL MANEUVERING SYSTEM

OVIV 1	OVIV 2	OTIV A	OTIV B	OCV A	OCV B
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE

FTIV A	FTIV B	FCV A	FCV B	CV 1	CV 2
OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE	OPEN CLOSE


CRYOGENIC OXYGEN SYSTEM
CRYOGENIC HYDROGEN SYSTEM
RVLV 1
RVLV 2
RVLV 3
RVLV 1
RVLV 2
RVLV 3
OPEN
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AC 2
AC 3
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PCA 2
PCA 3
DC 1
DC 2
DC 3