Input / Output	Source	Description	Signal high
I	current monitoring rela	lock traffic light 1 - Red 1	On
I	current monitoring rela	lock traffic light 1 - Green	On
I	current monitoring rela	lock traffic light 1 - Red 2	On
I	current monitoring rela	lock traffic light 2 - Red 1	On
I	current monitoring rela	lock traffic light 2 - Green	On
I	current monitoring rela	lock traffic light 2 - Red 2	On
I	current monitoring rela	lock traffic light 3 - Red 1	On
I	current monitoring rela	lock traffic light 3 - Green	On
I	current monitoring rela	lock traffic light 3 - Red 2	On
I	current monitoring rela	lock traffic light 4 - Red 1	On
I	current monitoring rela	lock traffic light 4 - Green	On
I	current monitoring rela	lock traffic light 4 - Red 2	On
I	current monitoring rela	Bridge traffic light 1 - Red	On
I	current monitoring rela	Bridge traffic light 1 - Green	On
I	current monitoring rela	Bridge traffic light 2 - Red	On
I	current monitoring rela	Bridge traffic light 2 - Green	On
I	limit switch	Upstream ebb gate 1	Open
I	limit switch	Upstream ebb gate 1	Closed
I	limit switch	Upstream ebb gate 2	Open
I	limit switch	Upstream ebb gate 2	Closed
I	limit switch	Upstream flood gate 1	Open
I	limit switch	Upstream flood gate 1	Closed
I	limit switch	Upstream flood gate 2	Open
I	limit switch	Upstream flood gate 2	Closed
I	limit switch	Downstream ebb gate 1	Open
I	limit switch	Downstream ebb gate 1	Closed
I	limit switch	Downstream ebb gate 2	Open
I	limit switch	Downstream ebb gate 2	Closed
I	limit switch	Downstream flood gate 1	Open
I	limit switch	Downstream flood gate 1	Closed
I	limit switch	Downstream flood gate 2	Open
I	limit switch	Downstream flood gate 2	Closed
I	limit switch	Downstream storm flood gate 1	Open
I	limit switch	Downstream storm flood gate 1	Closed
I	limit switch	Downstream storm flood gate 2	Open
I	limit switch	Downstream storm flood gate 2	Closed
I	limit switch	Upstream ebb paddle 1	Open
I	limit switch	Upstream ebb paddle 1	Closed
I	limit switch	Upstream ebb paddle 2	Open
I	limit switch	Upstream ebb paddle 2	Closed
I	limit switch	Upstream flood paddle 1	Open
I	limit switch	Upstream flood paddle 1	Closed
I	limit switch	Upstream flood paddle 2	Open
I	limit switch	Upstream flood paddle 2	Closed
I	limit switch	Downstream ebb paddle 1	Open
I	limit switch	Downstream ebb paddle 1	Closed

I	limit switch	Downstream ebb paddle 2	Open
I	limit switch	Downstream ebb paddle 2	Closed
I	limit switch	Downstream flood paddle 1	Open
I	limit switch	Downstream flood paddle 1	Closed
I	limit switch	Downstream flood paddle 2	Open
I	limit switch	Downstream flood paddle 2	Closed
I	limit switch	Downstream storm flood paddle 1	Open
I	limit switch	Downstream storm flood paddle 1	Closed
I	limit switch	Downstream storm flood paddle 2	Open
I	limit switch	Downstream storm flood paddle 2	Closed
I	pressure sensor	Water height sensor upstream outside	Analogue
I	pressure sensor	Water height sensor upstream inside	Analogue
I	pressure sensor	Water height sensor downstream outside	Analogue
I	pressure sensor	Water height sensor downstream inside	Analogue
Q	relay	lock traffic light 1 - Red 1	On
Q	relay	lock traffic light 1 - Green	On
Q	relay	lock traffic light 1 - Red 2	On
Q	relay	lock traffic light 2 - Red 1	On
Q	relay	lock traffic light 2 - Green	On
Q	relay	lock traffic light 2 - Red 2	On
Q	relay	lock traffic light 3 - Red 1	On
Q	relay	lock traffic light 3 - Green	On
Q	relay	lock traffic light 3 - Red 2	On
Q	relay	lock traffic light 4 - Red 1	On
Q	relay	lock traffic light 4 - Green	On
Q	relay	lock traffic light 4 - Red 2	On
Q	relay	Bridge traffic light 1 - Red	On
Q	relay	Bridge traffic light 1 - Green	On
Q	relay	Bridge traffic light 2 - Red	On
Q	relay	Bridge traffic light 2 - Green	On
Q	magnetic switch	Upstream ebb gate 1	Open
Q	magnetic switch	Upstream ebb gate 1	Close
Q	magnetic switch	Upstream ebb gate 2	Open
Q	magnetic switch	Upstream ebb gate 2	Close
Q	magnetic switch	Upstream flood gate 1	Open
Q	magnetic switch	Upstream flood gate 1	Close
Q	magnetic switch	Upstream flood gate 2	Open
Q	magnetic switch	Upstream flood gate 2	Close
Q	magnetic switch	Downstream ebb gate 1	Open
Q	magnetic switch	Downstream ebb gate 1	Close
Q	magnetic switch	Downstream ebb gate 2	Open
Q	magnetic switch	Downstream ebb gate 2	Close
Q	magnetic switch	Downstream flood gate 1	Open
Q	magnetic switch	Downstream flood gate 1	Close
Q	magnetic switch	Downstream flood gate 2	Open
Q	magnetic switch	Downstream flood gate 2	Close
Q	magnetic switch	Downstream storm flood gate 1	Open

Q	magnetic switch	Downstream storm flood gate 1	Close
Q	magnetic switch	Downstream storm flood gate 2	Open
Q	magnetic switch	Downstream storm flood gate 2	Close
Q	magnetic switch	Upstream ebb paddle 1	Open
Q	magnetic switch	Upstream ebb paddle 1	Close
Q	magnetic switch	Upstream ebb paddle 2	Open
Q	magnetic switch	Upstream ebb paddle 2	Close
Q	magnetic switch	Upstream flood paddle 1	Open
Q	magnetic switch	Upstream flood paddle 1	Close
Q	magnetic switch	Upstream flood paddle 2	Open
Q	magnetic switch	Upstream flood paddle 2	Close
Q	magnetic switch	Downstream ebb paddle 1	Open
Q	magnetic switch	Downstream ebb paddle 1	Close
Q	magnetic switch	Downstream ebb paddle 2	Open
Q	magnetic switch	Downstream ebb paddle 2	Close
Q	magnetic switch	Downstream flood paddle 1	Open
Q	magnetic switch	Downstream flood paddle 1	Close
Q	magnetic switch	Downstream flood paddle 2	Open
Q	magnetic switch	Downstream flood paddle 2	Close
Q	magnetic switch	Downstream storm flood paddle 1	Open
Q	magnetic switch	Downstream storm flood paddle 1	Close
Q	magnetic switch	Downstream storm flood paddle 2	Open
Q	magnetic switch	Downstream storm flood paddle 2	Close