

Case: Button pressed at slave

```
//slave
```

```
fsm_button_pressed()
```

```
queue_add_order(order, elevatorID)
```

```
nw_inform_supervisor(elevator)
```

```
//supervisor
```

```
nw_message_receive() --> case: supervisor_informed
```

```
sv_manage_order_matrix(elevators*)
```

```
queue_merge_order_matrices(new_order_matrix*)
```

```
queue_assign_elevators(elevators*)
```

```
nw_distribute_order_matrix(order_matrix*)
```

```
//slaves
```

```
nw_message_receive() --> case: new_order_matrix
```

```
fsm_new_master_command(new_order_matrix*)
```

```
queue_merge_order_matrices(new_order_matrix*)
```