Claims:

1. A conflict resolution method for a remotely controlled device (200, 200a, 200b), comprising:

issuing a command for the device (200, 200a, 200b) by a remote control center (100);

determining a criticality level of the command;

depending on the criticality level of the command, sending the command to the device (200, 200a, 200b) for acknowledgment or refusal of the command; ~~and~~

executing or disregarding the command by the device (200, 200a, 200b) depending on the criticality level of the command and, if applicable, on the acknowledgment or refusal of the command; and

determining a control mode of the device (200, 200a, 200b),

wherein the criticality level determines whether any acknowledgement by the device (200, 200a, 200b) is necessary before a command can be executed, and the remote control center (100) can be configured for establishing a communicative link to the device (200, 200a, 200b),

wherein sending the command and executing or disregarding the command further depend on the control mode of the device (200, 200a, 200b),

wherein the command is sent to the other one of the device (200, 200a, 200b) and the remote control center (100) for acknowledgment or refusal of the command irrespective of the criticality level when the control mode is set to a priority mode for the other one of the device (200, 200a, 200b) and the remote control center (100) issuing the command, or wherein the command is disregarded when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command, or wherein the command needs to be acknowledged by the other one of the device (200, 200a, 200b) and the control center (100) irrespective of the criticality level when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command.

2. A conflict resolution method for a device (200, 200a, 200b), comprising:

issuing a command for the device (200, 200a, 200b) by the device (200, 200a, 200b);

determining a criticality level of the command;

depending on the criticality level of the command, sending the command to the control center (100) for acknowledgment or refusal of the command; ~~and~~

executing or disregarding the command by the device (200, 200a, 200b) depending on the criticality level of the command and, if applicable, on the acknowledgment or refusal of the command; and

determining a control mode of the device (200, 200a, 200b),

wherein the criticality level determines whether any acknowledgement by the remote control center (100) is necessary before a command can be executed, and wherein the device (200, 200a, 200b) is configured for establishing a communicative link to the remote control center (100),

wherein sending the command and executing or disregarding the command further depend on the control mode of the device (200, 200a, 200b),

wherein the command is sent to the other one of the device (200, 200a, 200b) and the remote control center (100) for acknowledgment or refusal of the command irrespective of the criticality level when the control mode is set to a priority mode for the other one of the device (200, 200a, 200b) and the remote control center (100) issuing the command, or wherein the command is disregarded when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command, or wherein the command needs to be acknowledged by the other one of the device (200, 200a, 200b) and the control center (100) irrespective of the criticality level when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command.

3. The method according to claim 1 or 2, wherein necessity of an acknowledgement for executing the command depends on the criticality level of the command.

4. The method according to any one of claims 1 to 3, further comprising:

changing the criticality level of the command.

5. The method according to any one of claims 1 to 4, wherein the command is sent to the other one of the device (200, 200a, 200b) and the control center (100) for acknowledgment or refusal of the command.

6. The method according to any one of claims 1 to 5, wherein the command is not sent to the other one of the device (200, 200a, 200b) and the control center (100) for acknowledgment or refusal of the command if the criticality level is low.

~~7. The method according to any one of claims 1 to 6, further comprising:~~

~~determining a control mode of the device (200, 200a, 200b),~~

~~wherein sending the command and executing or disregarding the command further depend on the control mode of the device (200, 200a, 200b).~~

~~8. The method according to claim 7, wherein the command is sent to the other one of the device (200, 200a, 200b) and the remote control center (100) for acknowledgment or refusal of the command irrespective of the criticality level when the control mode is set to a priority mode for the other one of the device (200, 200a, 200b) and the remote control center (100) issuing the command.~~

~~9. The method according to claim 7, wherein the command is disregarded when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command, or wherein the command needs to be acknowledged by the other one of the device (200, 200a, 200b) and the control center (100) irrespective of the criticality level when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command.~~

~~10~~7. The method according to any one of claims ~~6~~ 1 to ~~9~~6, further, comprising:

changing the control mode of the device (200, 200a, 200b).

~~11~~8. The method according to any one of claims 1 to ~~10~~7, wherein the command is executed before the device (200, 200a, 200b) receives an acknowledgment or refusal of the command.

~~12~~9. A conflict resolution system, comprising:

a device (200, 200a, 200b) to be remotely controlled; and

a remote control center (100),

wherein the control center (100) is configured to

issue a command for the device (200, 200a, 200b);

determine a criticality level of the command; and

depending on the criticality level of the command, send the command to the device (200, 200a, 200b) for acknowledgment or refusal of the command,

wherein the device (200, 200a, 200b) is configured to

execute or disregard the command depending on the criticality level of the command and, if applicable, on the acknowledgment or refusal of the command,

wherein the criticality level determines whether any acknowledgement by the device (200, 200a, 200b) is necessary before a command can be executed, and wherein the remote control center (100) can be configured for establishing a communicative link to device (200, 200a, 200b),

wherein at least one of the device (200, 200a, 200b) and the control center (100) is further configured to~~:~~

determine a control mode of the device (200, 200a, 200b),

wherein sending the command and executing or disregarding the command further depend on the control mode of the device (200, 200a, 200b),

wherein ~~the~~ at least one of the device (200, 200a, 200b) and the control center (100) is further configured to~~:~~

send the command to the other one of the device (200, 200a, 200b) and the remote control center (100) for acknowledgment or refusal of the command irrespective of the criticality level when the control mode is set to a priority mode for the other one of the device (200, 200a, 200b) and the remote control center (100) issuing the command, or

disregard the command when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command, or

~~need to~~ get acknowledgement of the command by the other one of the device (200, 200a, 200b) and the control center (100) irrespective of the criticality level when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command.

~~13~~10. A conflict resolution system, comprising:

a device (200, 200a, 200b); and

a remote control center (100),

wherein the device (200, 200a, 200b) is configured to

issue a command for the device (200, 200a, 200b);

determine a criticality level of the command; and

depending on the criticality level of the command, send the command to the control center (100) for acknowledgment or refusal of the command,

wherein the device (200, 200a, 200b) is configured to

execute or disregard the command depending on the criticality level of the command and, if applicable, on the acknowledgment or refusal of the command,

wherein the criticality level determines whether any acknowledgement by the remote control center (100) is necessary before a command can be executed, and wherein the device (200, 200a, 200b) is configured for establishing a communicative link to the remote control center (100).

wherein at least one of the device (200, 200a, 200b) and the control center (100) is further configured to~~:~~

determine a control mode of the device (200, 200a, 200b),

wherein sending the command and executing or disregarding the command further depend on the control mode of the device (200, 200a, 200b),

wherein ~~**the**~~ at least one of the device (200, 200a, 200b) and the control center (100) is further configured to~~:~~

send the command to the other one of the device (200, 200a, 200b) and the remote control center (100) for acknowledgment or refusal of the command irrespective of the criticality level when the control mode is set to a priority mode for the other one of the device (200, 200a, 200b) and the remote control center (100) issuing the command, or

disregard the command when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command, or

~~**need to**~~ get acknowledgement of the command by the other one of the device (200, 200a, 200b) and the control center (100) irrespective of the criticality level when the control mode is set to a lockout mode for the one of the device (200, 200a, 200b) and the control center (100) issuing the command.

~~14~~11. The conflict resolution system of claim ~~12~~ 9 or ~~13~~10, wherein the device (200, 200a, 200b) is a moveable vessel and the control center (100) is stationary, and/or wherein the device (200, 200a, 200b), and the control center (100) are remote from each other.

~~15~~12. The conflict resolution system of any one of claims ~~12~~ 9 to ~~14~~11, wherein at least one of the device (200, 200a, 200b), and the control center (100) comprises a network interface for connecting the device (200, 200a, 200b) to a data network, in particular a global data network.