

```
1      (*
2      * File: Station Call
3      * Author: Jaime Calvente Mieres
4      * Date: 12-08-2022
5      * Description: Action to map the outputs with the programm variables.
6      *)
7
8      (*
9      * Mapping of the system outputs to system var
10     * to make the implementation clearer and more efficient
11     *)
12
13     // Entry conveyor coil activation
14     Entry_Convey := M_Entry_Convey ;
15
16     // Load Scale conveyor coil activation
17     Load_Scale_Convey := M_Load_Convey ;
18
19     // Send Box to Front box selector
20     Send_Front := M_Box_To_Front OR
21                 M_Box_To_Left OR
22                 M_Box_To_Right ;
23
24     // Front conveyor coil activation
25     Front_Convey := M_Front_Convey ;
26
27     // Send Box to Left box selector
28     Send_Left := M_Box_To_Left ;
29
30     // Left conveyor coil activation
31     Left_Convey := M_Left_Convey ;
32
33     // Send Box to Right box selector
34     Send_Right := M_Box_To_Right ;
35
36     // Right conveyor coil activation
37     Right_Convey := M_Right_Convey ;
38
39
40     // System Leds activation
41     System_Active_Led := System_Active ;
42     System_Stopped_Led := Soft_Stop_Active OR NOT Emergency_Stop ;
43
```