```
1    PROGRAM Main
2    VAR
3        Ons_Start_Entry                : R_TRIG ;
4    END_VAR
5
```

```
1    (*
2     * File: Main Program
3     * Author: Jaime Calvente Mieres
4     * Date: 12-08-2022
5     * Description: Main program to manage the Stations,
6     * outputs and Start/Stop management.
7     *)
8
9    (*
10    * Systeme will be active if Start button is pressed
11    * and Stop and Emergency stop aren't "NC".
12    * When the system is active this program will call the actions
13    * to execute the logic programmed in them.
14    *)
15
16   // One shot Start
17   Ons_Start_Entry ( CLK := Start ) ;
18
19   // Action calls
20   Station_Call ( ) ;
21   Outputs_Management ( ) ;
22   Stop_Management ( ) ;
23
24   // System bit activation
25   IF Ons_Start_Entry . Q AND Stop AND Emergency_Stop THEN
26       System_Active  := TRUE ;
27       Soft_Stop_Active  := FALSE ;
28   END_IF
29
30
```