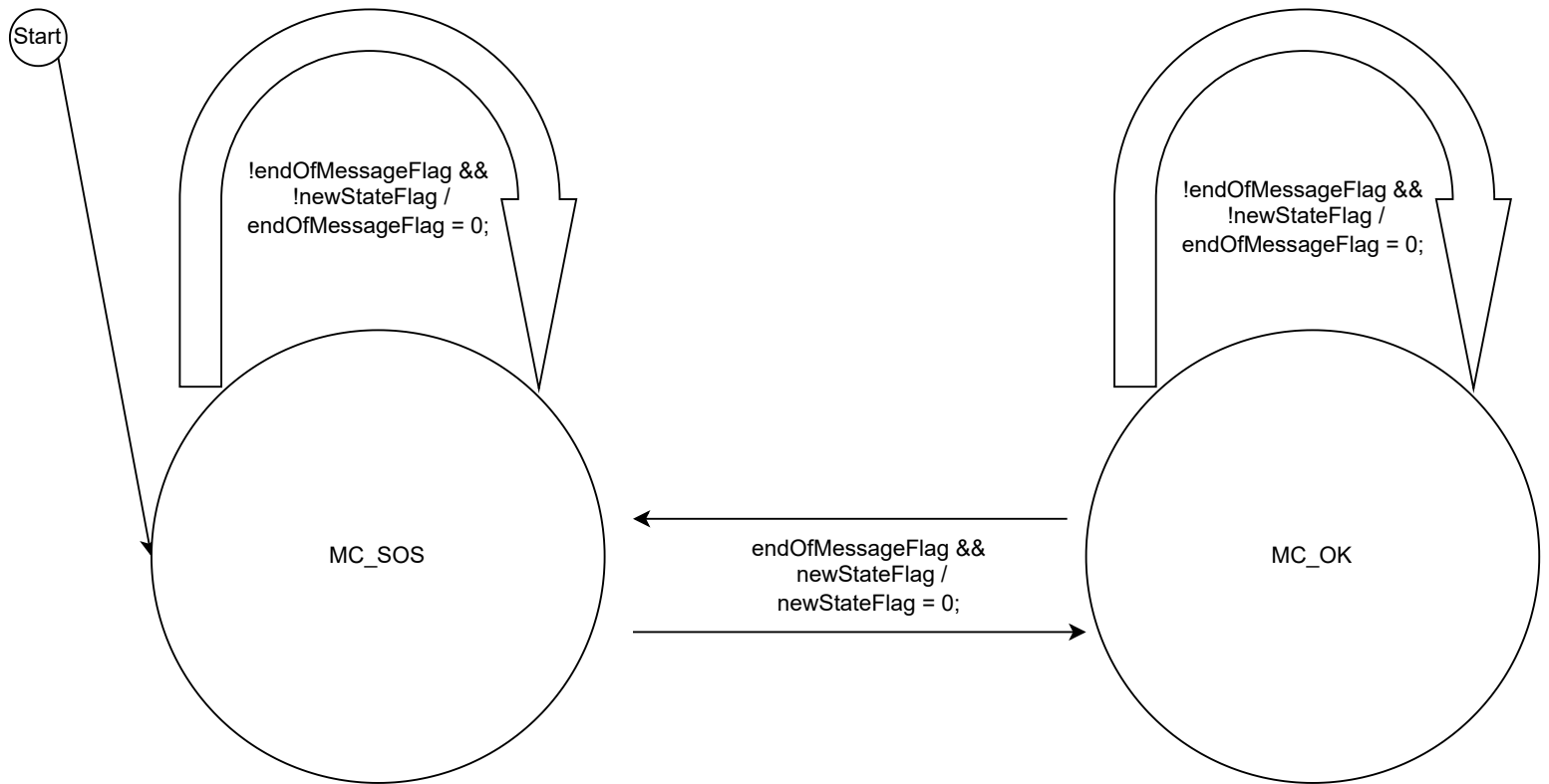


State_Handler Toggle

Period: 500 ms

unsigned char endOfMessageFlag, newStateFlag, count, current = 0;



```
current = SOS_MESSAGE[count];
switch(current) {
    case 0:
        GPIO_write(CONFIG_GPIO_LED_0, CONFIG_GPIO_LED_OFF);
        GPIO_write(CONFIG_GPIO_LED_1, CONFIG_GPIO_LED_OFF);
        break;
    case 1:
        GPIO_write(CONFIG_GPIO_LED_0, CONFIG_GPIO_LED_ON);
        break;
    case 2:
        GPIO_write(CONFIG_GPIO_LED_1, CONFIG_GPIO_LED_ON);
        break;
    default:
        break;
}
count++;

if (count == ((sizeof(OK_MESSAGE)/sizeof(OK_MESSAGE[0])) - 1)) {
    endOfMessageFlag = 1;
    count = 0;
}
```

```
current = OK_MESSAGE[count];
switch(current) {
    case 0:
        GPIO_write(CONFIG_GPIO_LED_0, CONFIG_GPIO_LED_OFF);
        GPIO_write(CONFIG_GPIO_LED_1, CONFIG_GPIO_LED_OFF);
        break;
    case 1:
        GPIO_write(CONFIG_GPIO_LED_0, CONFIG_GPIO_LED_ON);
        break;
    case 2:
        GPIO_write(CONFIG_GPIO_LED_1, CONFIG_GPIO_LED_ON);
        break;
    default:
        break;
}
count++;

if (count == ((sizeof(OK_MESSAGE)/sizeof(OK_MESSAGE[0])) - 1)) {
    endOfMessageFlag = 1;
    count = 0;
}
```