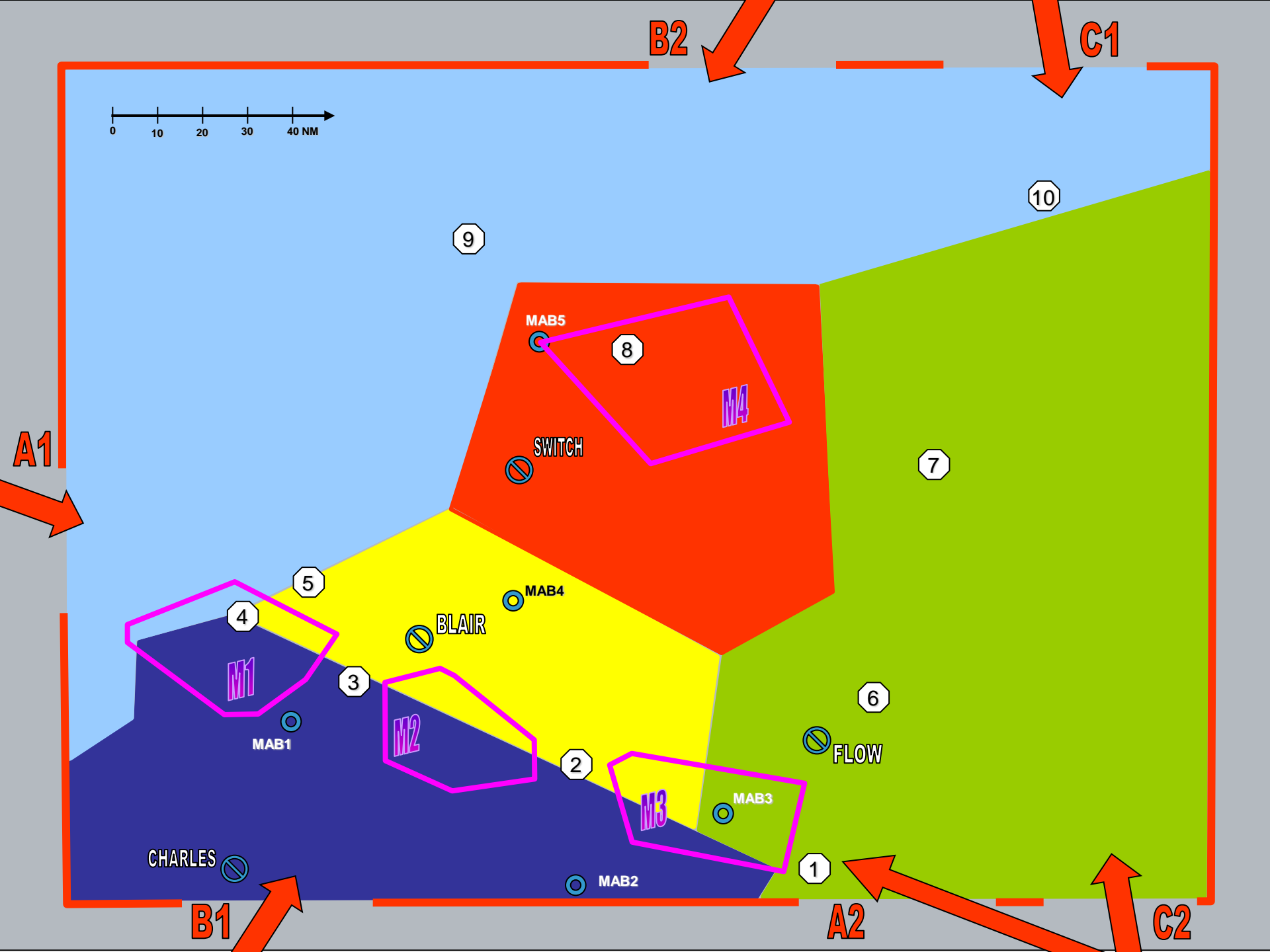


Exercise 3

Dynamic Airspace Plan prepared by a Joint Civil Military Cell - JCMC

CIVIL PRACTICAL EXERCISE 3 JCMC



Joint Civil/Military Cell (JCMC)

Overview

- Joint military/civil unit with common (pre) tactical ASM tasks.
 - Allocate Airspace efficiently on Day-1 for Day of Operations
 - Promulgate Dynamic Airspace Plan
- JCMC civil personnel are specialists.
- JCMC personnel has executive authority.
- Lead ASM cell for (U) Routes 1 – 2 – 3 - 4.
- Lead ASM cell for M1 – M2 – M3 and M4.

Tasks for JCMC Civil

1. **Deliver** hourly Route activation planning for Day of Operations from 0700 – 2300;
 2. **Negotiate solutions** to conflicts and agree on hourly route/area activation planning for Day of Operations from 0700 – 2300.
-

Exercise parameters:

- the peak from 1200 – 1600 in civil traffic is requiring that the shortest routes be used
- on the international traffic flows, the airlines request to fly primarily between FL280 and FL360
- on the regional traffic flow (city pairs) the airlines request to fly between FL160 and FL280
- Airport Flow is closed in the afternoon due to a strike of air traffic controllers

Agreed Airspace Allocation Conditions

Group Outcome Exercise 2

NOTAM details

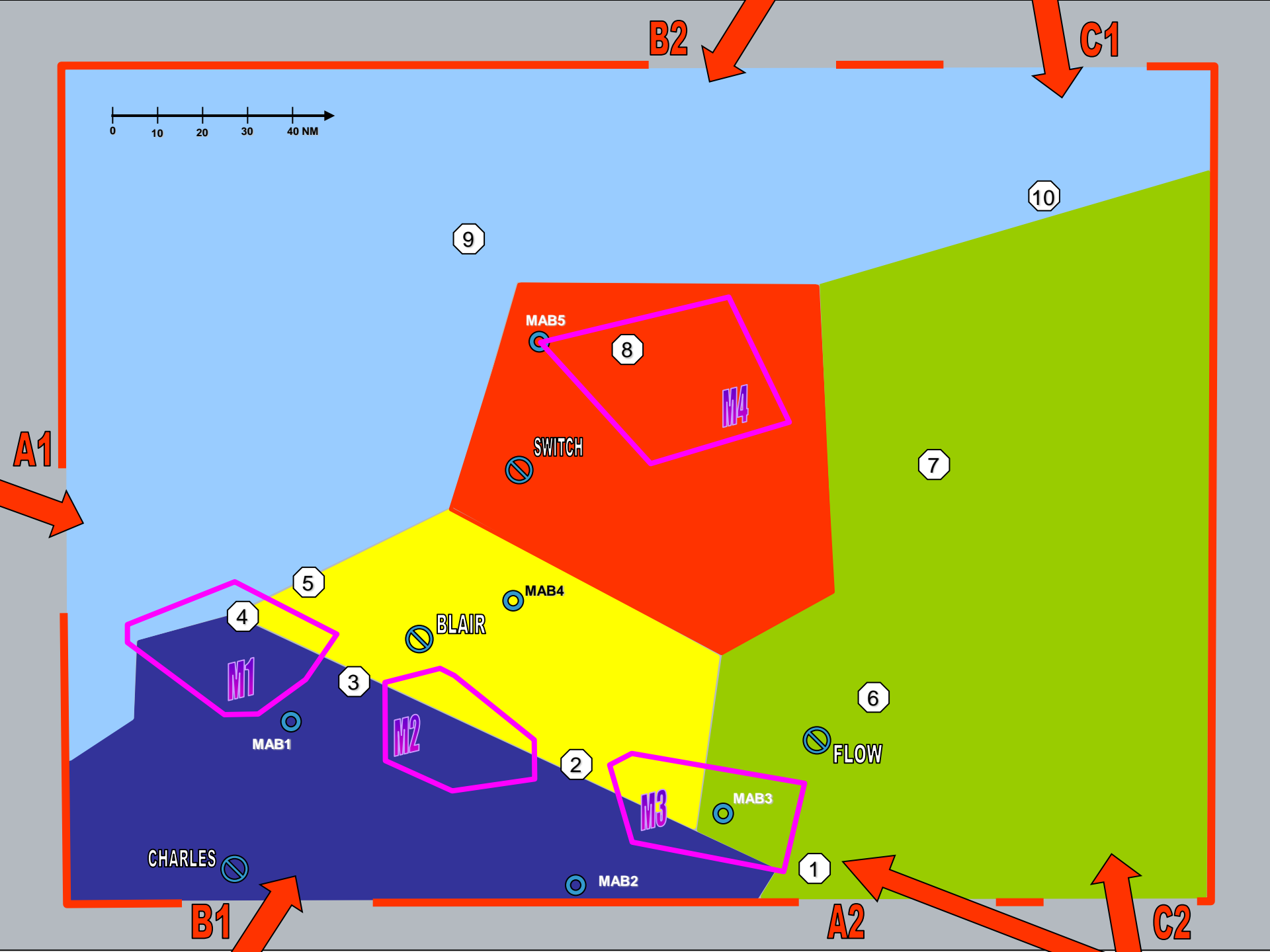
- Notifying the closure of Airport Flow between 1200 and 1800
- M 1,2 and 3 not active in the morning due to briefings between involved nations for the exercise of MAB 1 and 2
- VOR 2 on maintenance 1200 - 1700

Microsoft Word interface showing a calendar grid for flight times. The grid is divided into three sections: FL 280 - 360, FL 180 - 380, and FL 200 - 450. The time slots range from 0700 to 2300. A legend indicates: GREY = CLOSED, GREEN = OPEN, and TRANSPARENT = FLEXIBLE. The grid shows various cells filled with these colors, indicating flight status for different days (R, D, C, M) and times.

		FL 280 - 360						FL 180 - 380			FL 200 - 450				
TIME		R 1	R 2	R 3	R 4	D 1	D 2	D 3	C B	B S	C F	M 1	M 2	M 3	M 4
0700	0800														
0800	0900														
0900	1000														
1000	1100														
1100	1200														
1200	1300														
1300	1400														
1400	1500														
1500	1600														
1600	1700														
1700	1800														
1800	1900														
1900	2000														
2000	2100														
2100	2200														
2200	2300														

GREY = CLOSED
GREEN = OPEN
TRANSPARENT = FLEXIBLE

MILITARY PRACTICAL EXERCISE 3 JCMC



Joint Civil/Military Cell (JCMC)

Overview

- Joint military/civil unit with common tasks.
- JCMC military personnel are specialists.
- JCMC personnel has executive authority.
- Lead ASM cell for M1 – M2 – M3 – M4.
- Lead ASM cell for (U) Routes 1 – 2 – 3 - 4.

Exercise Scenario Mil

<u>MILITARY REQUESTS FOR Training Area Allocation</u>			
<u>MAB 1 and 2 request M1, M2 or M3 equals an area of 100 x 25 NM</u>			
<u>M1, M2, M3</u>			
TIME UTC	LEVEL BLOCK REQUIRED	Min/Max FL	REMARKS
4 hours	25 000'	200/450	8 aircraft (RVSM equipped) from MAB 1 + 2 conducting Radar Acquisition, requiring 100NM ahead and 10000 FT vertically x 25NM
NO OTHER ACTIVITIES MUST BE PLANNED			
<u>MAB 5 requests</u>			
<u>M4</u>			
TIME UTC	LEVEL BLOCK REQUIRED	Min/Max FL	REMARKS
2 hours	10 000'	200/400	Flying training – not RVSM equipped.
2 hours	10 000'	160/260	Flying training – not RVSM equipped

Tasks for JCMC Military

1. Plan an exercise on Day of Operations to test the new weapon system for which you require a training airspace of 100 x 25 NM for 4 hours.
2. Deliver hourly Area (M 1 – 4) activation planning for Day of Operations from 0700 – 2300;
3. Negotiate solutions to conflicts and agree on hourly route/area activation planning for Day of Operations from 0700 – 2300.

Exercise parameters:

- MAB 1 and 2 request an area of 100 x 25 NM using a combination of M1/M2/M3.
- The new weapon system may be used by fighters freely between FL 200 – 450.
- The exercise comprises a radar acquisition phase which requires 100 NM and 10000FT vertically
- M 1,2,3 not used from 0800 – 1200 due to international OPS Briefing for the exercise which includes the Hostile players from Yellow and Green till 1200.
- 8 aircraft (RVSM equipped) from MAB 1 + 2 conducting Radar Acquisition, requiring 100NM ahead and 10000 FT vertically x 25NM



Agreed Airspace Allocation Priorities

Group Outcome Exercise 2

NOTAM Summary

- Notifying the closure of Airport Flow between 1200 and 1800
- M 1,2 and 3 not active in the morning
- VOR 2 on maintenance 1200 - 1700

Microsoft Word interface showing a timetable grid. The grid is divided into three sections: FL 280 - 360, FL 180 - 380, and FL 200 - 450. The first section has columns for R (1-4) and D (1-3), and rows for times from 0700 to 2300. The second section has columns for C (B, S, F) and rows for times from 0700 to 2300. The third section has columns for M (1-4) and rows for times from 0700 to 2300. A legend in a blue oval states: GREY = CLOSED, GREEN = OPEN, TRANSPARENT = FLEXIBLE. The grid shows various cells are greyed out, indicating closed times.

FL
280 - 360

TIME	R 1	R 2	R 3	R 4	D 1	D 2	D 3	C B	C S	C F
------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

0700	0800	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
0800	0900	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
0900	1000	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1000	1100	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1100	1200	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1200	1300	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1300	1400	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1400	1500	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1500	1600	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1600	1700	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1700	1800	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1800	1900	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
1900	2000	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
2000	2100	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
2100	2200	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
2200	2300	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey

FL
180 - 380

M 1	M 2	M 3	M 4
-----	-----	-----	-----

0700	0800	Grey	Grey
0800	0900	Grey	Grey
0900	1000	Grey	Grey
1000	1100	Grey	Grey
1100	1200	Grey	Grey
1200	1300	Grey	Grey
1300	1400	Grey	Grey
1400	1500	Grey	Grey
1500	1600	Grey	Grey
1600	1700	Grey	Grey
1700	1800	Grey	Grey
1800	1900	Grey	Grey
1900	2000	Grey	Grey
2000	2100	Grey	Grey
2100	2200	Grey	Grey
2200	2300	Grey	Grey

GREY = CLOSED
GREEN = OPEN
TRANSPARENT = FLEXIBLE

Deliverable 3

**Deliverable EXERCISE 3 in the format
Route/Area activation planning**