

W A T E N

I L I R M E H M E D I

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PARREZIKSHMERIJA NE RRJETIN ELASTIK TE KORIDORET
AJRORE BOTRORE



Air traffic

- Assure safety
- Reduce congestions
- Save energy



□ Assure safety

- ✓ Safety Management System as a part of overall Quality Assurance System
- ✓ Safety surveys
- ✓ Safety culture



□ Reduce congestions

- ✓ Evolving definition of congestion (Separation Minima, CGF..)
- ✓ Improvements of air traffic management
- ✓ Possibilities in extreme conditions
 - Newer commercialisation as a response to the level of congestion vs. earlier commercialisation based on national services, political influence, state borders etc.

CGF – Civil Group Flight

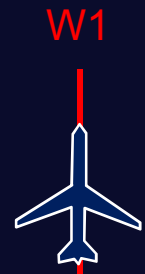


□ Higher energy efficiency

- ✓ Optimum flight levels
 - Step by step climbs on own discretion
 - Cruise climb
 - On time clime
- ✓ FL allocation flexibility
 - Frequent change of FL
- ✓ Optimized routes
 - Part of big circle
 - Optimum elasticity
 - Diversion flexibility
- ✓ Speed flexibility



HOW ?



G0



W1

G0

CL



S8

S6

S4

S2

CL

S1

S3

S5

S7

G0

G1

G2

G3

G4

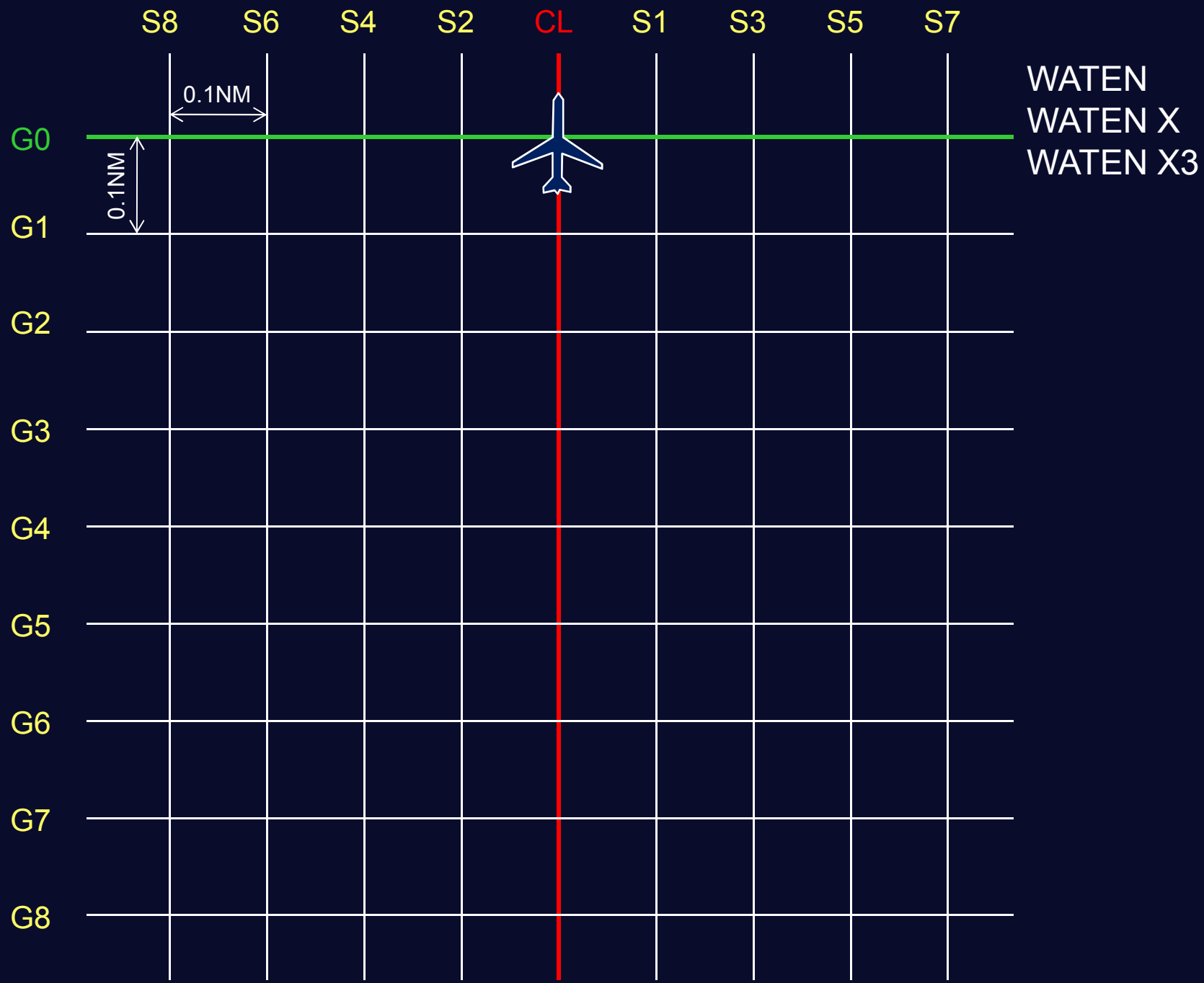
G5

G6

G7

G8

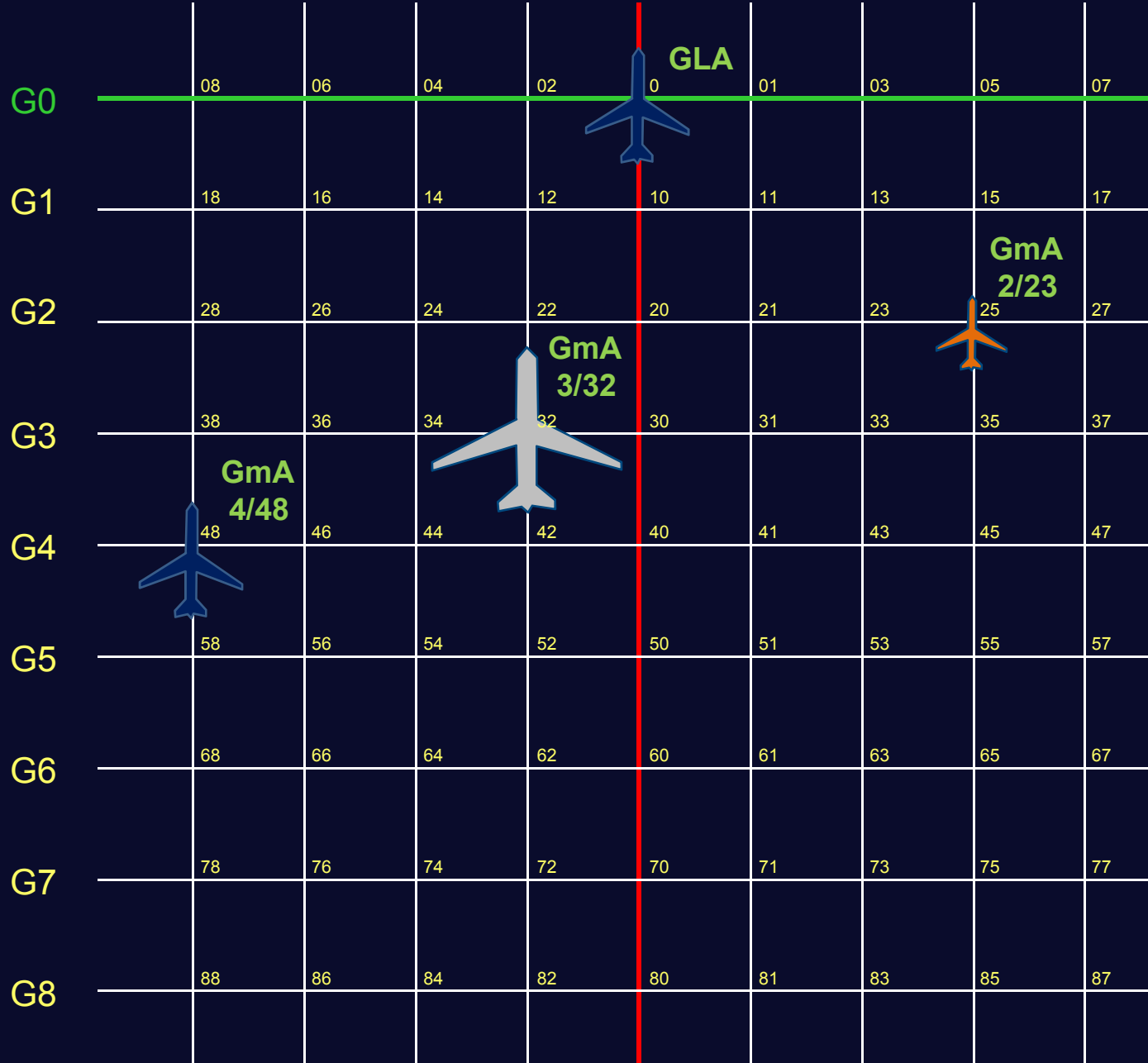


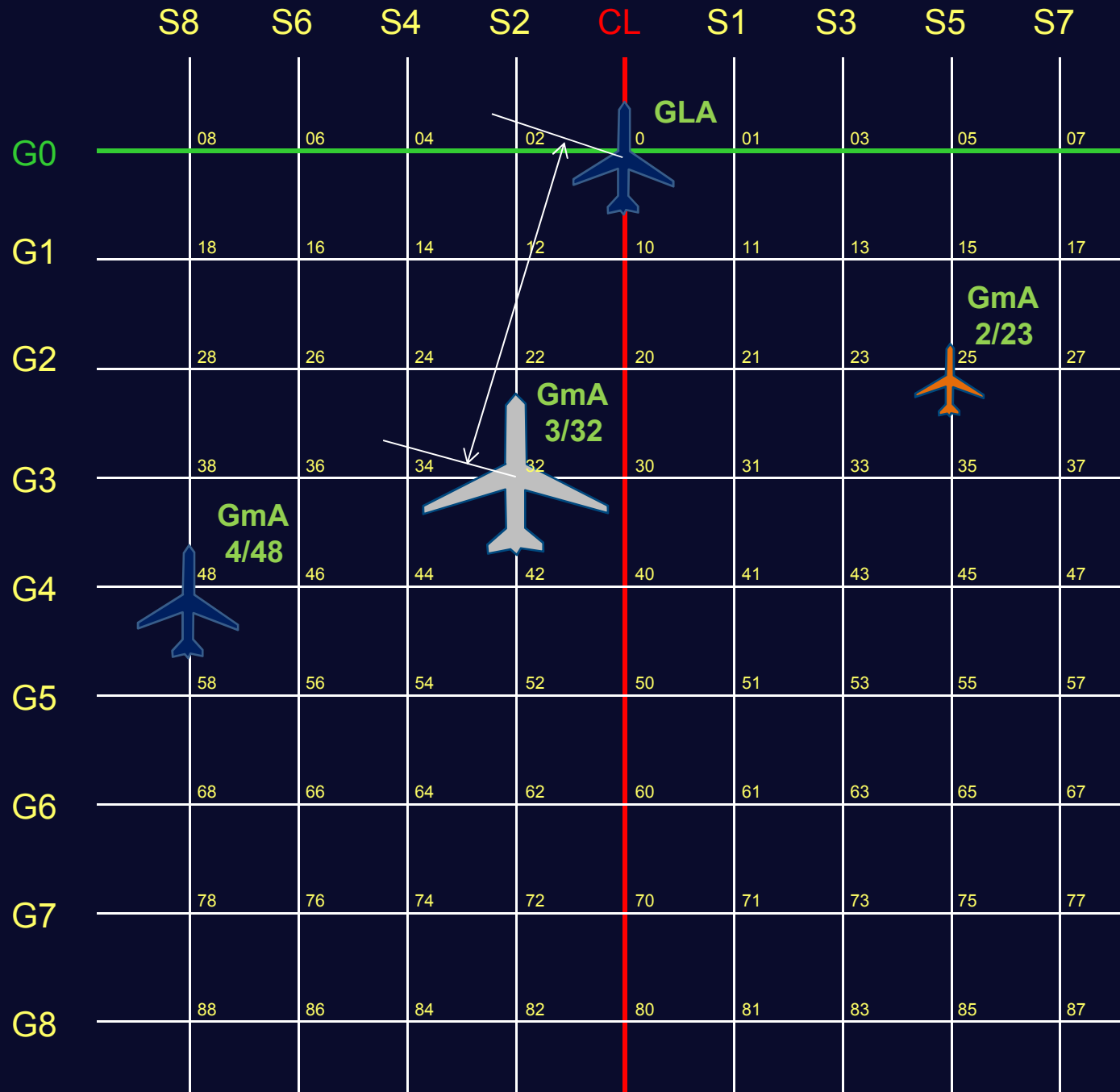


	S8	S6	S4	S2	CL	S1	S3	S5	S7
G0	08	06	04	02	0	01	03	05	07
G1	18	16	14	12	10	11	13	15	17
G2	28	26	24	22	20	21	23	25	27
G3	38	36	34	32	30	31	33	35	37
G4	48	46	44	42	40	41	43	45	47
G5	58	56	54	52	50	51	53	55	57
G6	68	66	64	62	60	61	63	65	67
G7	78	76	74	72	70	71	73	75	77
G8	88	86	84	82	80	81	83	85	87



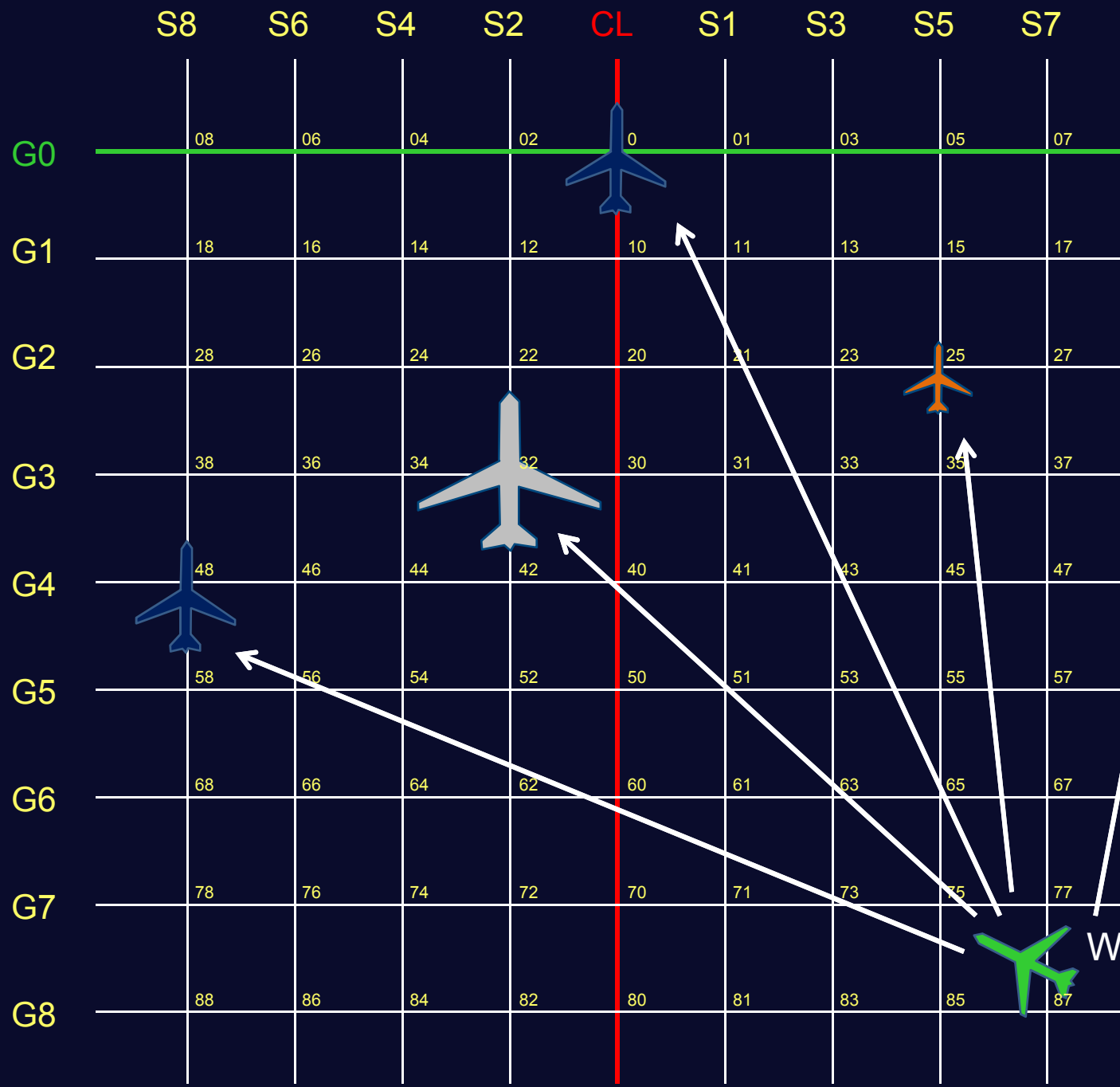
S8 S6 S4 S2 CL S1 S3 S5 S7





S8 S6 S4 S2 CL S1 S3 S5 S7

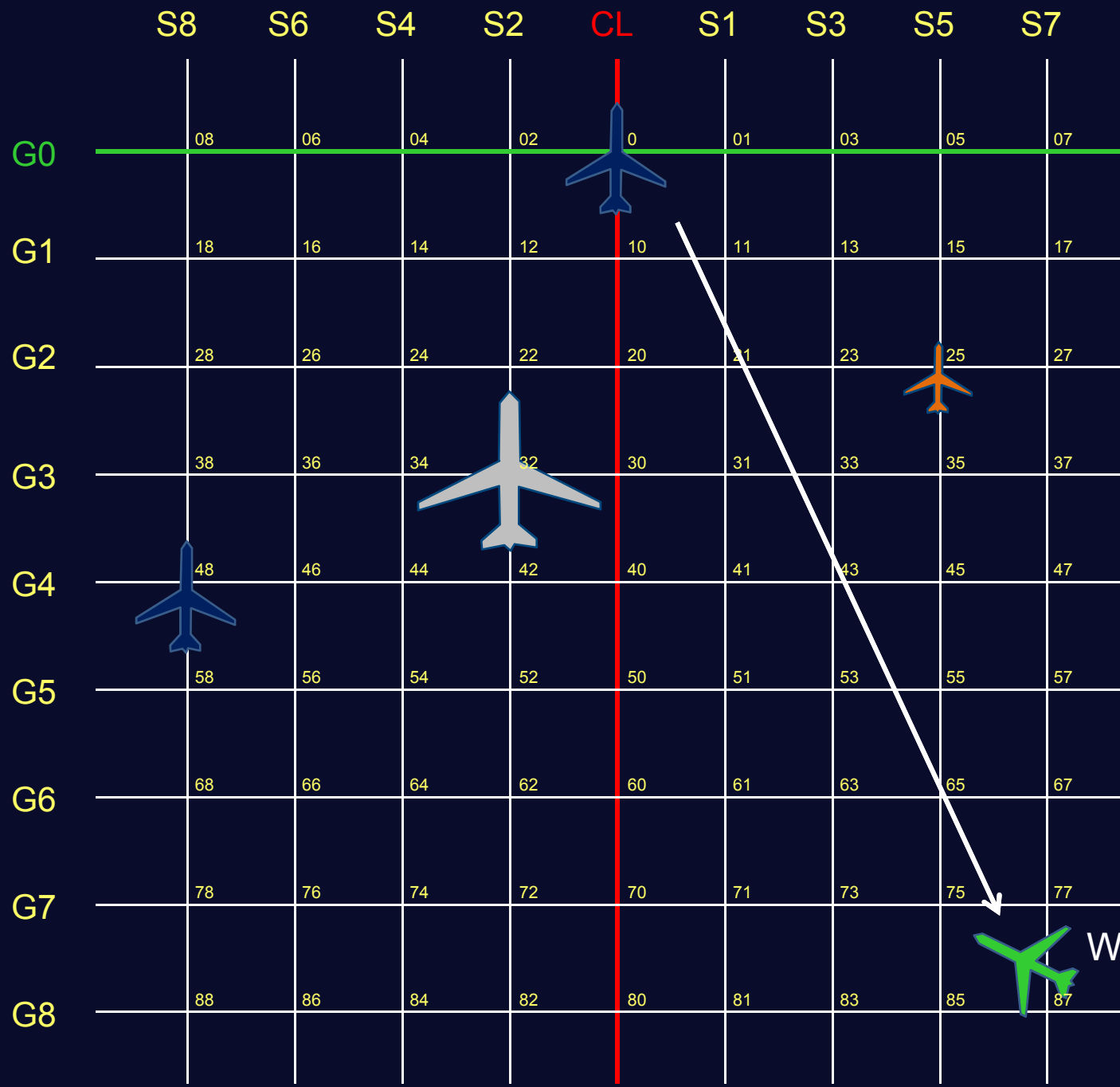




WA

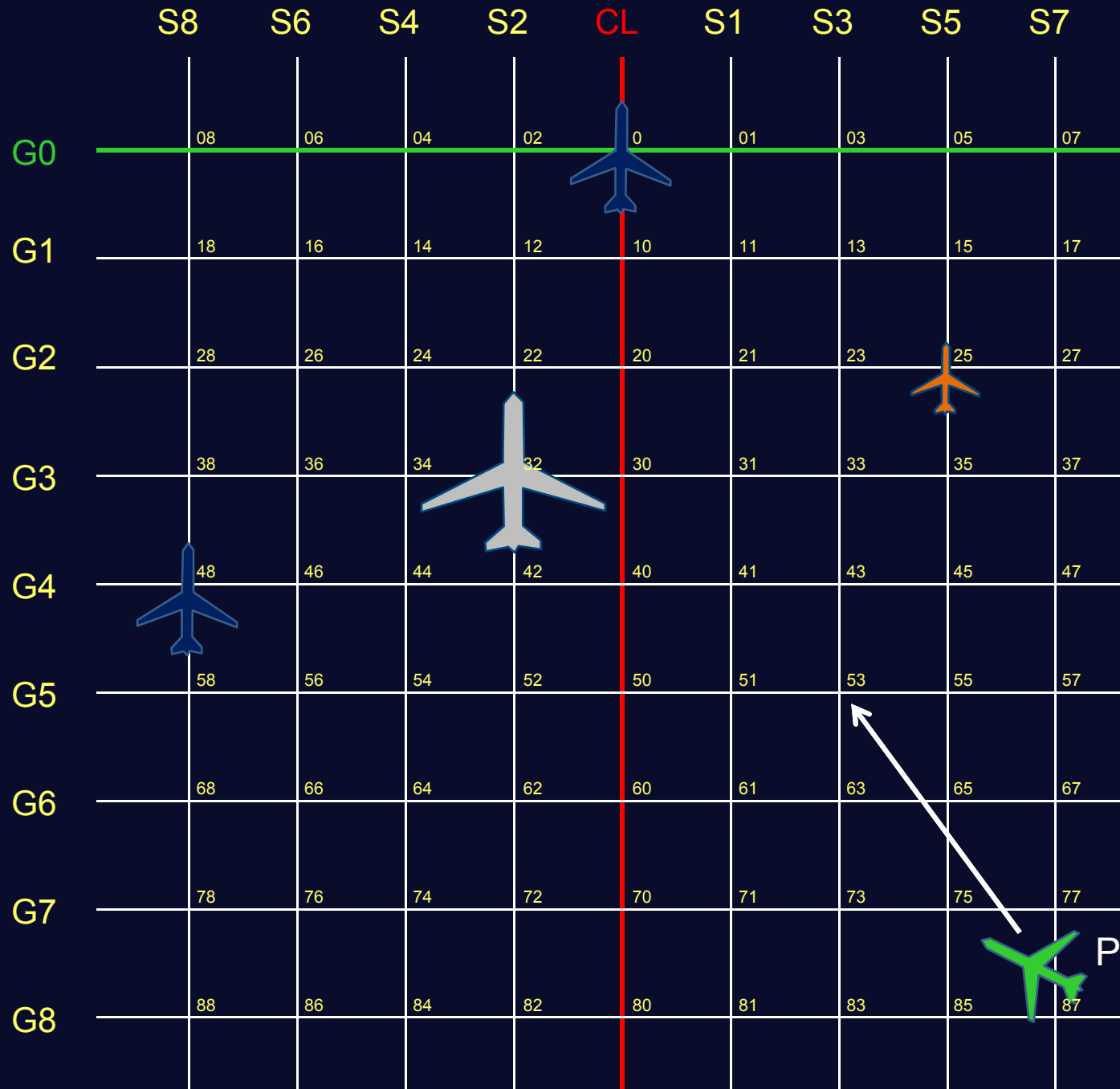
WMode





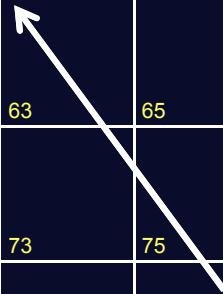
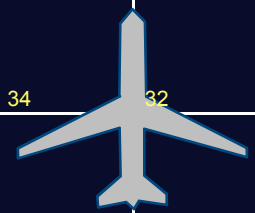
WA

WMode

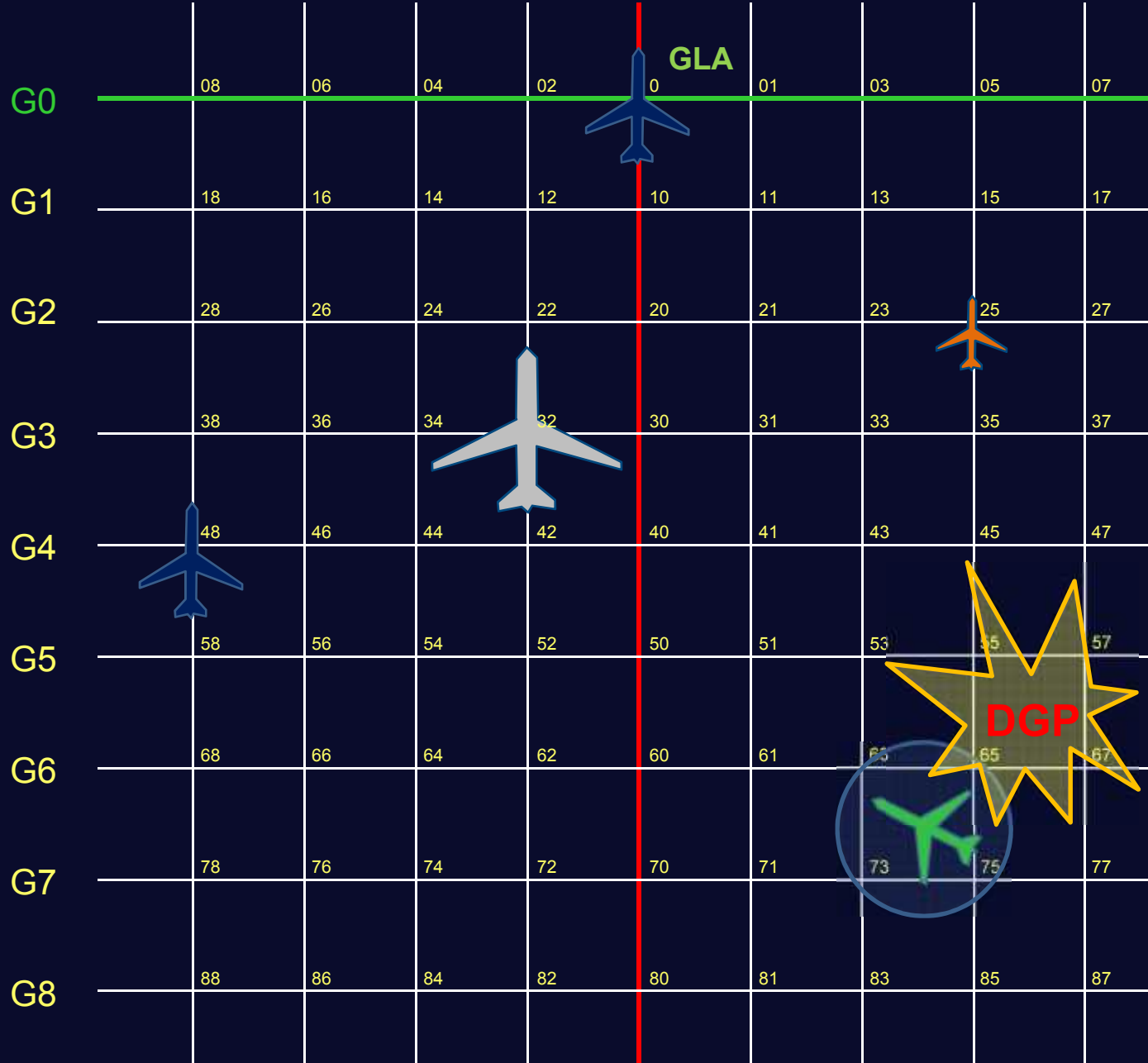


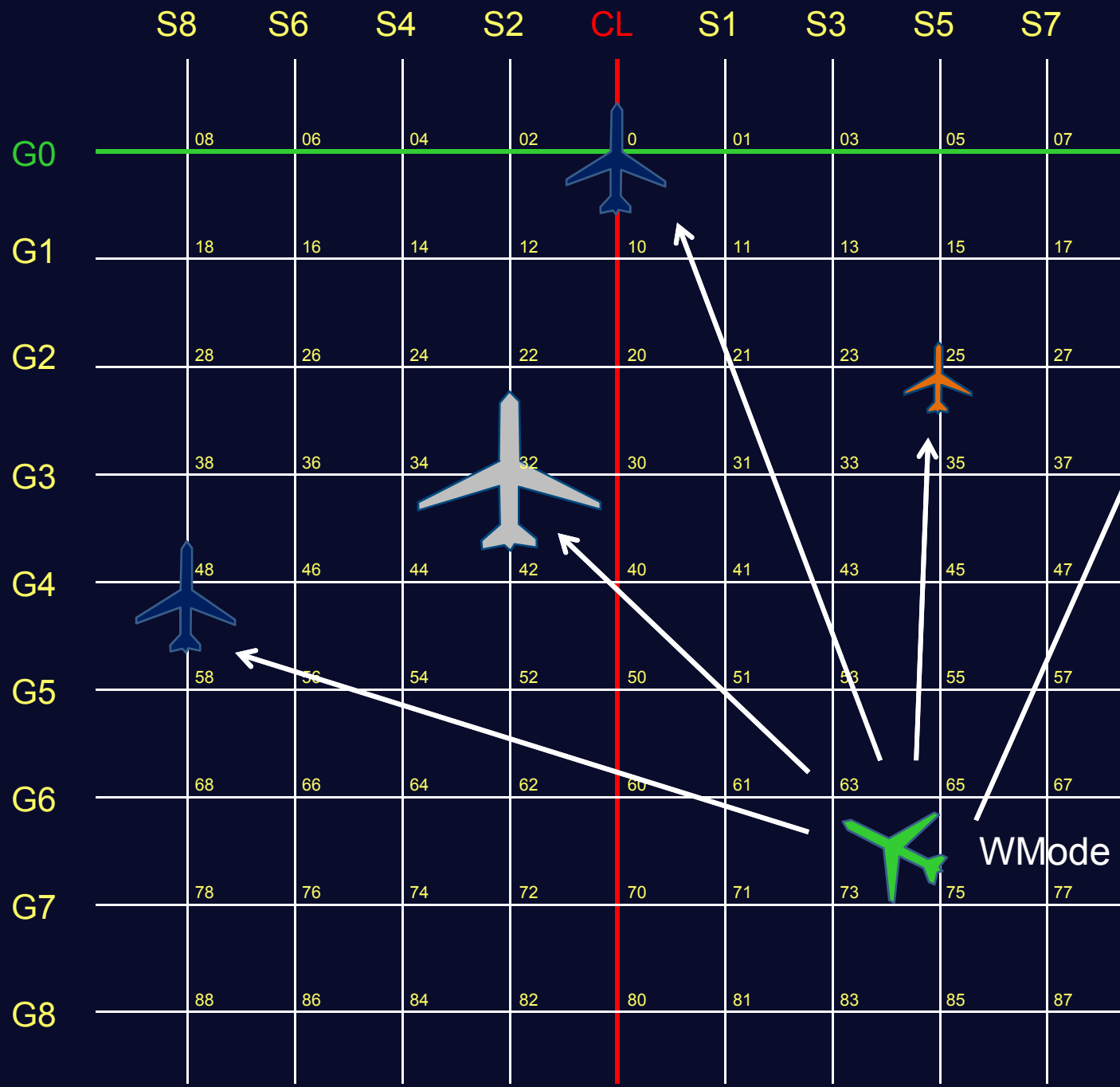
WA

Position



S8 S6 S4 S2 CL S1 S3 S5 S7





WMode

WA

S8 S6 S4 S2 CL S1 S3 S5 S7





If not enough capacity?



Commercial Regulation

- Provided by WA
- Account is used for the maintenance
- Proportional to local combustion:
 - FL
 - Route
 - Area



Questions?