

EUROCONTROL DEMAND DATA REPOSITORY so6 file format:

SegOut6	
extension:	so6
separator:	blank
sort:	by flight segment sequence from origin to destination

#	Field	Type	Size	Comment
1	segment identifier	char		first point name "_" last point name
2	origin of flight	char	4	ICAO code
3	destination of flight	char	4	ICAO code
4	aircraft type	char	4	
5	time begin segment	num	6	HHMMSS padded with 0's
6	time end segment	num	6	HHMMSS padded with 0's
7	FL begin segment	num	1 to 3	
8	FL end segment	num	1 to 3	
9	status	char	1	0=climb, 1=descent, 2=cruise
10	callsign	char		
11	date begin segment	num	6	YYMMDD padded with 0's
12	date end segment	num	6	YYMMDD padded with 0's
13	lat begin segment	float		in minute decimale

14	lon begin segment	float		in minute decimale
15	lat end segment	float		in minute decimale
16	lon end segment	float		in minute decimale
17	flight identifier	num		same as the one provided in expand file (must be uniq)
18	sequence	num		start at 1 for every new flight, incremented at each lines. IMPORTANT !
19	segment length	float		in nautical miles
20	segment parity/color	num		0=NO (grey, R=102, G=102, B=102), 1=ODD (green, R=60, G=255, B=60), 2=EVEN (blue, R=100, G=100, B=255), 3=ODD_LOW (dark green, R=0, G=200, B=0), 4=EVEN_LOW (light blue, R=160,G=160,B=255), 5=ODD_HIGH(light green, R=160, G=255, B=160), 6=EVEN_HIGH (dark blue, R=0, G=0, B=200), 7=General Purpose Red Color (R=255, G=0, B=0), 8=General Purpose Orange Color (R=255, G=128, B=0), 9=General Purpose Yellow Color (R=255, G=255, B=0)

Note: point name are 3 or 5 characters for route points and 4 characters for airports. Route point starting with a \$ or % are special SAAM point.

CFMU route point having coordinates but no name should be identified with ! followed by 4 digit like: !0034