

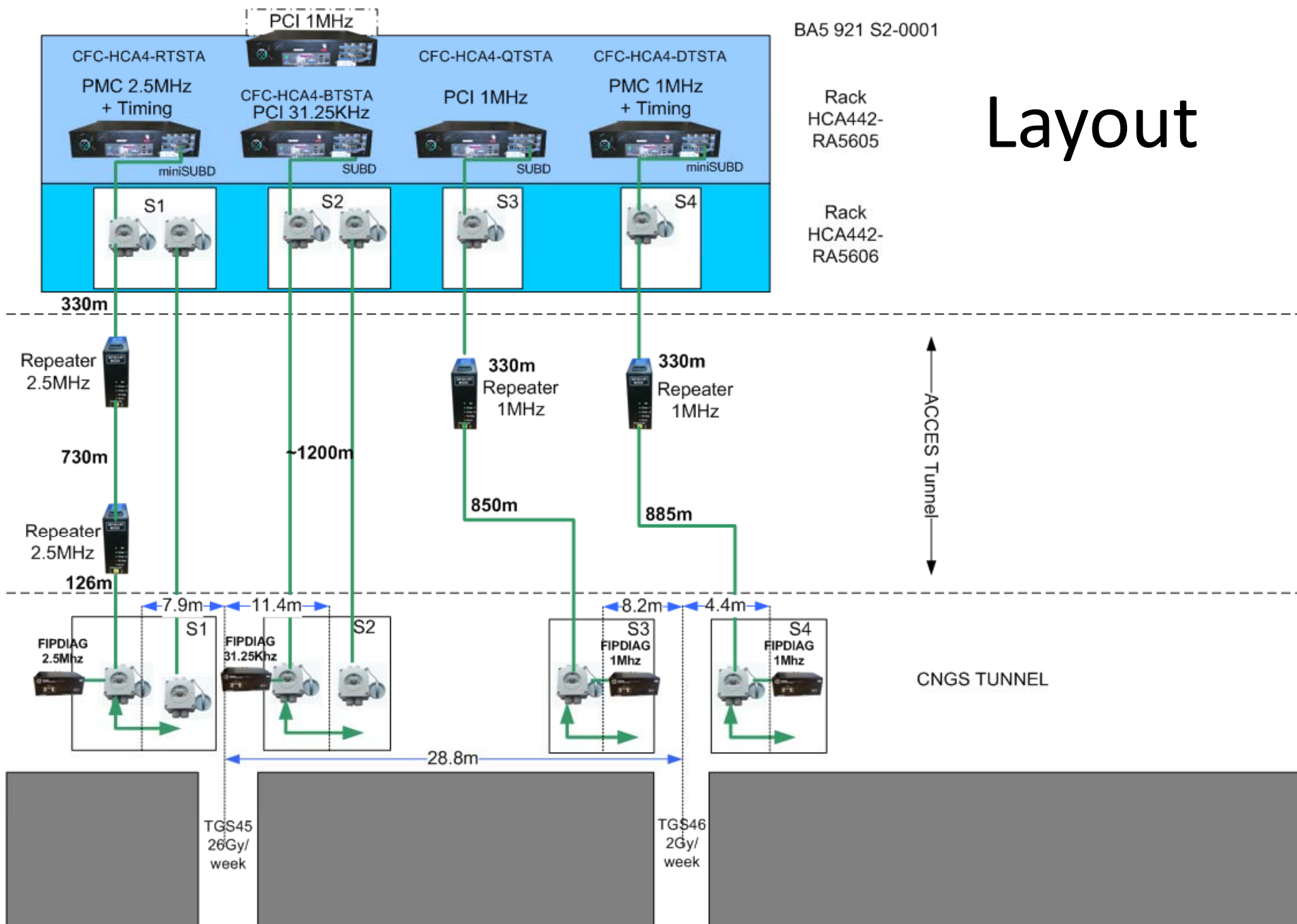
Rules for WorldFip networking

RADWG - 2 APRIL 2009

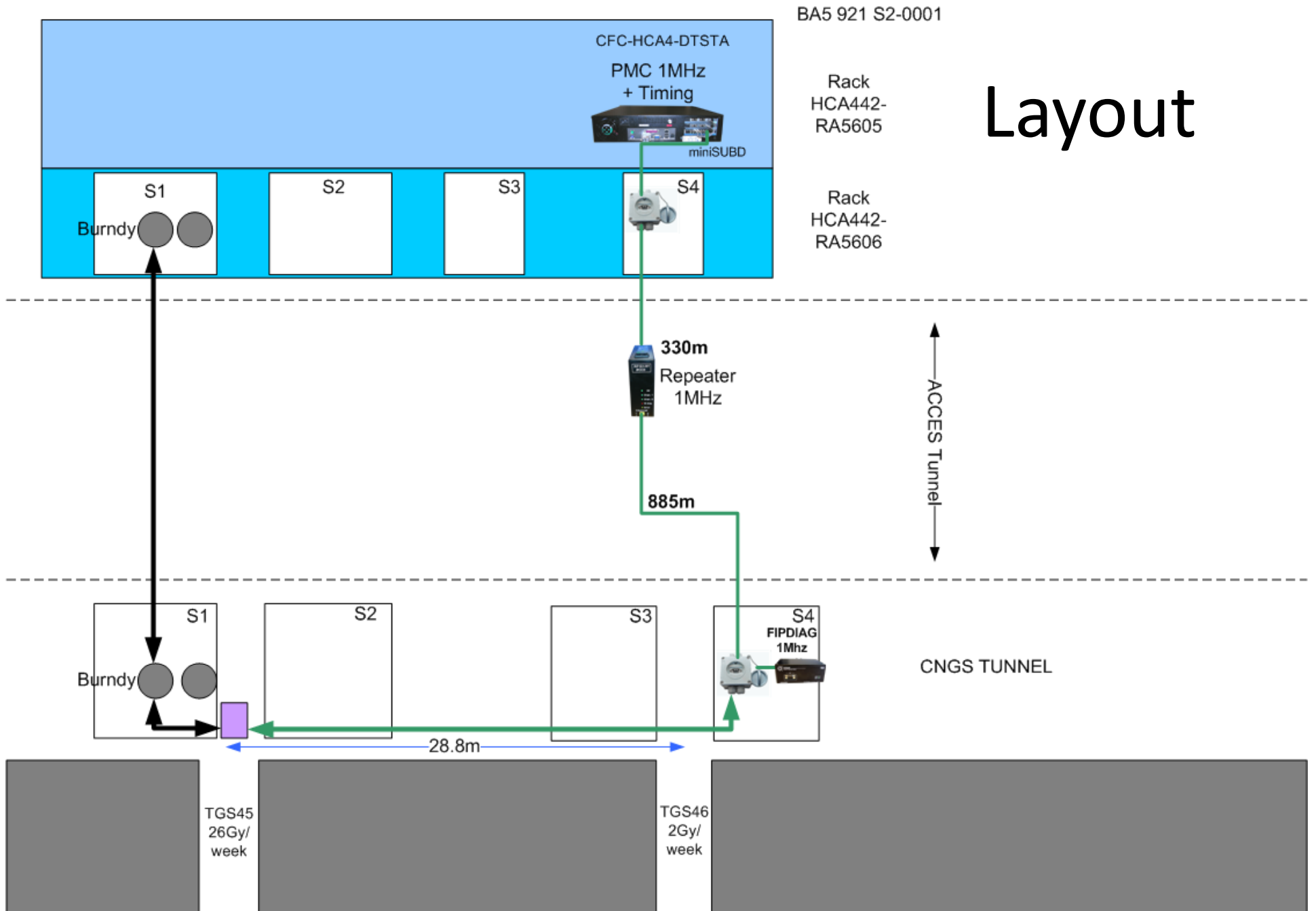
Julien Palluel BE/CO/FE



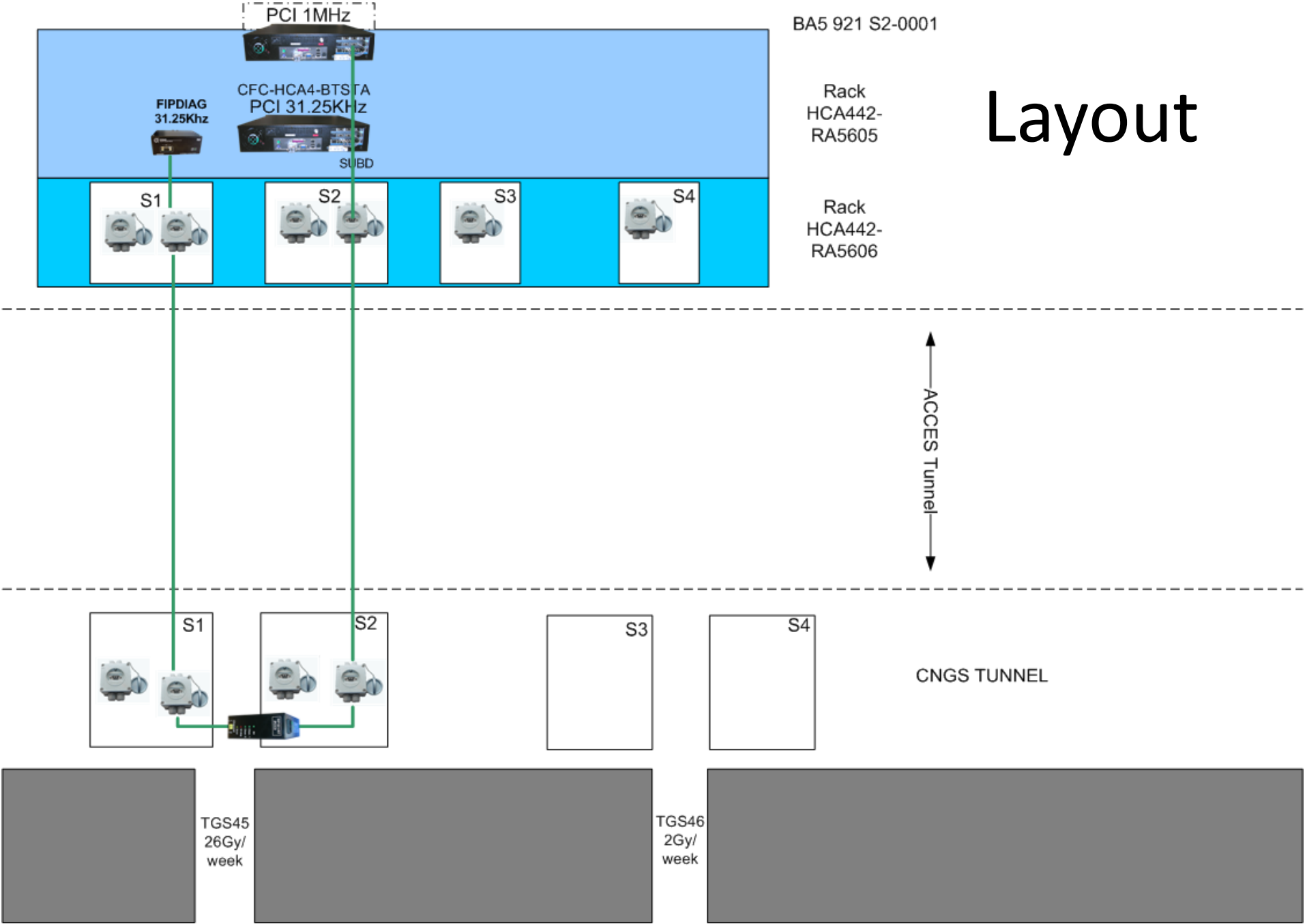
Layout



Layout



Layout



Requirements

	FIP Needs	FIP Speed	Fip connexion	Dose
WorldFIP	YES	1MHz	SUB or miniSUBD	26 Gy/week
Vacuum	NO	None	None	26 Gy/week
Survey	Not yet defined	31.25KHz	SUBD PCI 31.25KHz	26 Gy/week
BLM/BPM	YES	31.25KHz	SUBD PCI 31.25KHz	26 Gy/week
Power Conv	YES	2.5MHz	miniSUBD PMC 2.5MHz	26 Gy/week
QPS	YES	1MHz	miniSUBD PMC 1MHz	2 Gy/week
CRYOGENICS	YES	1MHz	SUBD PCI 1MHz	2 Gy/week
BIC/PIC	NO	None	None	2 Gy/week

Original Planning

	miniSUBD 2.5MHz	SUBD 31.25KHz	SUBD 1MHz	miniSUBD 1MHz
	TSG45 A	TSG45 B	TSG46 A	TSG46 B
1 st slot	WorldFIP	BLM/BPM	QPS	CRYOGENICS
2 nd slot	WordFIP	BLM/BPM	QPS	CRYOGENICS
3 rd slot	WorldFIP	BLM/BPM	QPS	CRYOGENICS
4 rd slot	Vacuum	Power Conv	QPS	BIC/PIC
6 rd slot	Vacuum	Power Conv	QPS	BIC/PIC
7 th slot	Survey	Power Conv	QPS	BIC/PIC

Max. TSG 45 ~26 Gy/week

Max. TSG 46 ~2 Gy/week

New Planning

	miniSUBD 2.5MHz	SUBD 31.25KHz	SUBD 1MHz	miniSUBD 1MHz
	TSG45 A (PO)	TSG45 B	TSG46 A	TSG46 B (QPS)
1st slot	WorldFIP	BLM/BPM	CRYOGENICS	QPS
2nd slot	WorldFIP	BLM/BPM	CRYOGENICS	QPS
3rd slot	WorldFIP	BLM/BPM	CRYOGENICS	QPS
4rd slot	Power Conv	Vacuum	BIC/PIC	QPS
6rd slot	Power Conv	Vacuum	BIC/PIC	QPS
7th slot	Power Conv	Survey	BIC/PIC	QPS

Max. TSG 45 ~26 Gy/week

Max. TSG 46 ~2 Gy/week

- Any questions ?

<http://www.cern.ch/cern-worldfip>