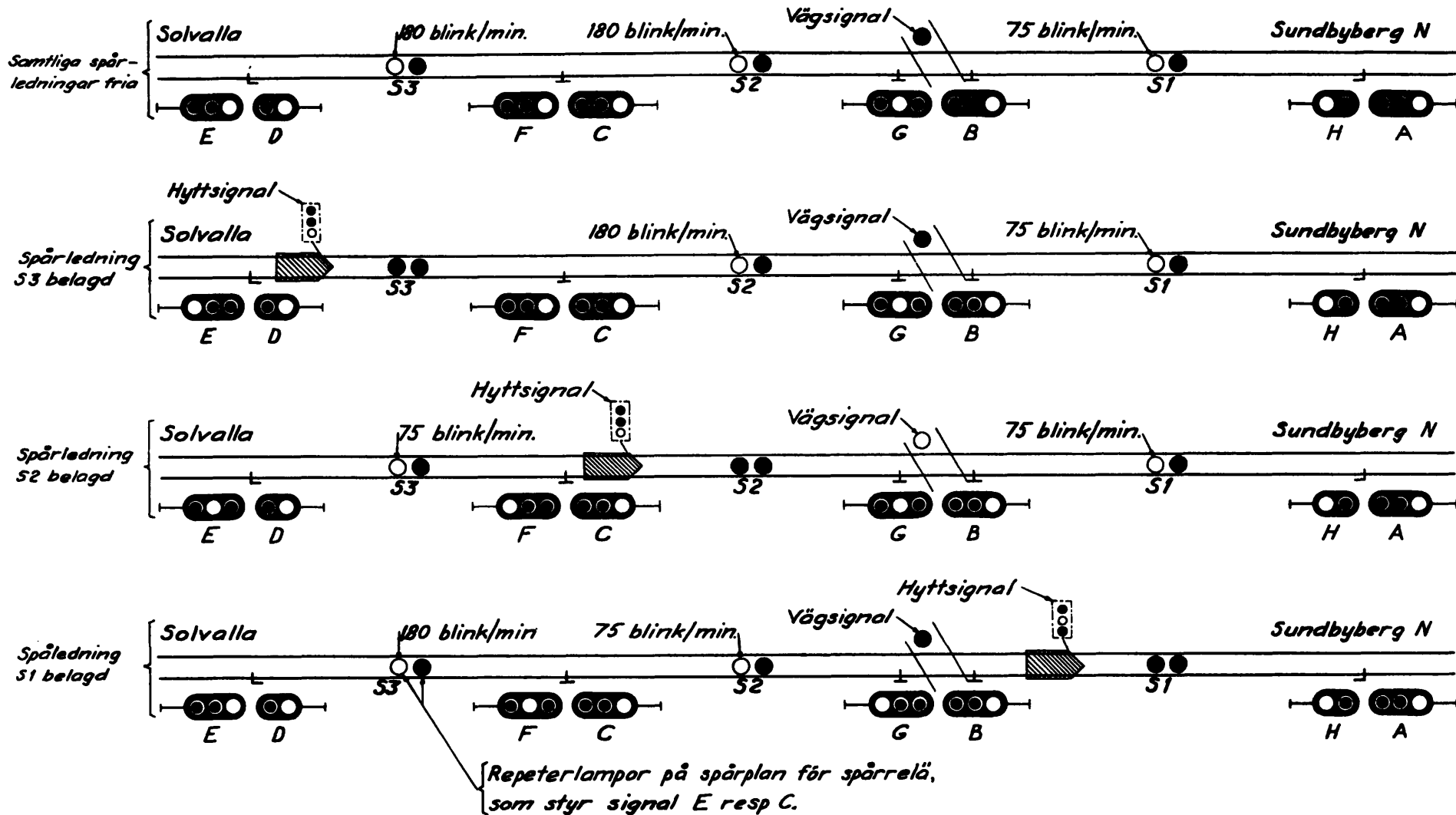


Linjeblockering, system Union Switch & Signal Co.

Provanläggning vid Sundbyberg.

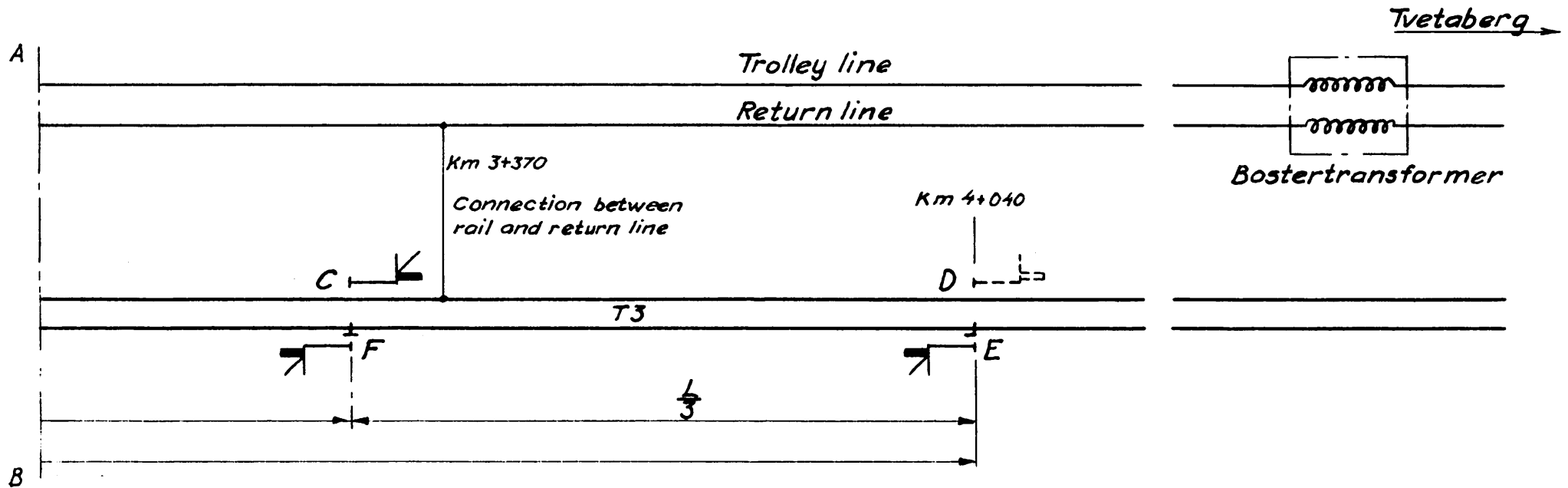
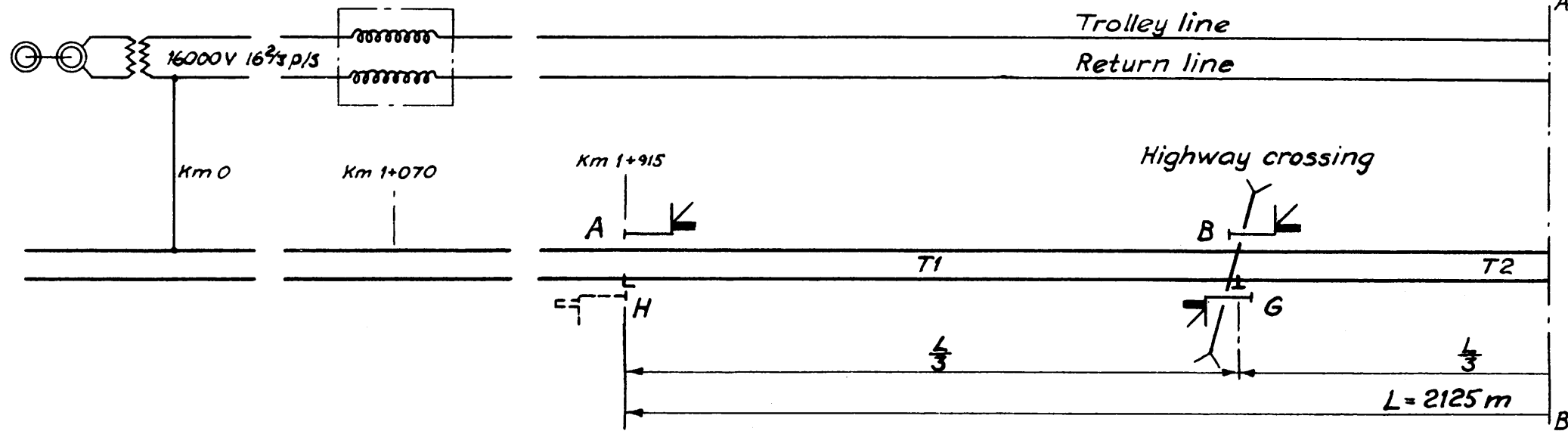
Passage Solvalla - Sundbyberg N med el-lok, utrustat med hyttsignal.
Infartssignalen H vid Sundbyberg N i stoppställning.



Södertälje Södra
power station

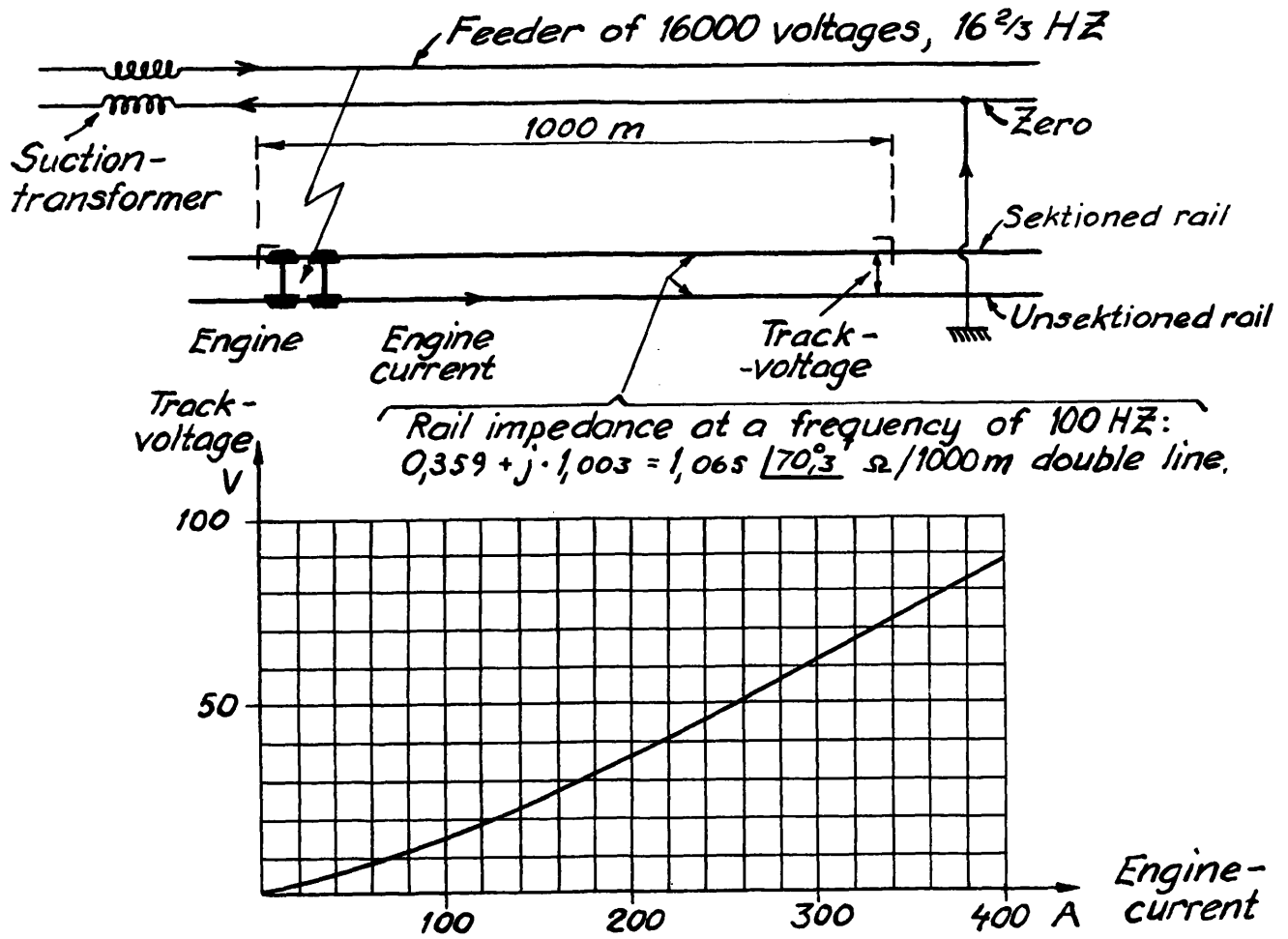
Bostertransformer

Konektion



Trial application of automatic train
control and block signaling.

The resultant voltage between the rails as a function of the engine-current along a track circuit with a length of a thousand metres.



Specification of the track-voltage

Track-current		Track-voltage	Fre-quency	Voltage	Voltage in % at the track-voltage
DC A	AC A	AC V	HZ	V	%
0	350	75,0	$16\frac{2}{3}$	74,6	99,5
			$33\frac{1}{3}$	0	0
			50	6,6	8,8
			$66\frac{2}{3}$	0	0
			$83\frac{1}{3}$	3,0	4,0
			100	0	0
			$116\frac{2}{3}$	0,6	0,8
75	300	61,5	$16\frac{2}{3}$	61,2	99,5
			$33\frac{1}{3}$	2,6	4,2
			50	3,7	6,0
			$66\frac{2}{3}$	1,3	2,1
			$83\frac{1}{3}$	2,9	4,7
			100	0,3	0,5
			$116\frac{2}{3}$	0,6	1,0