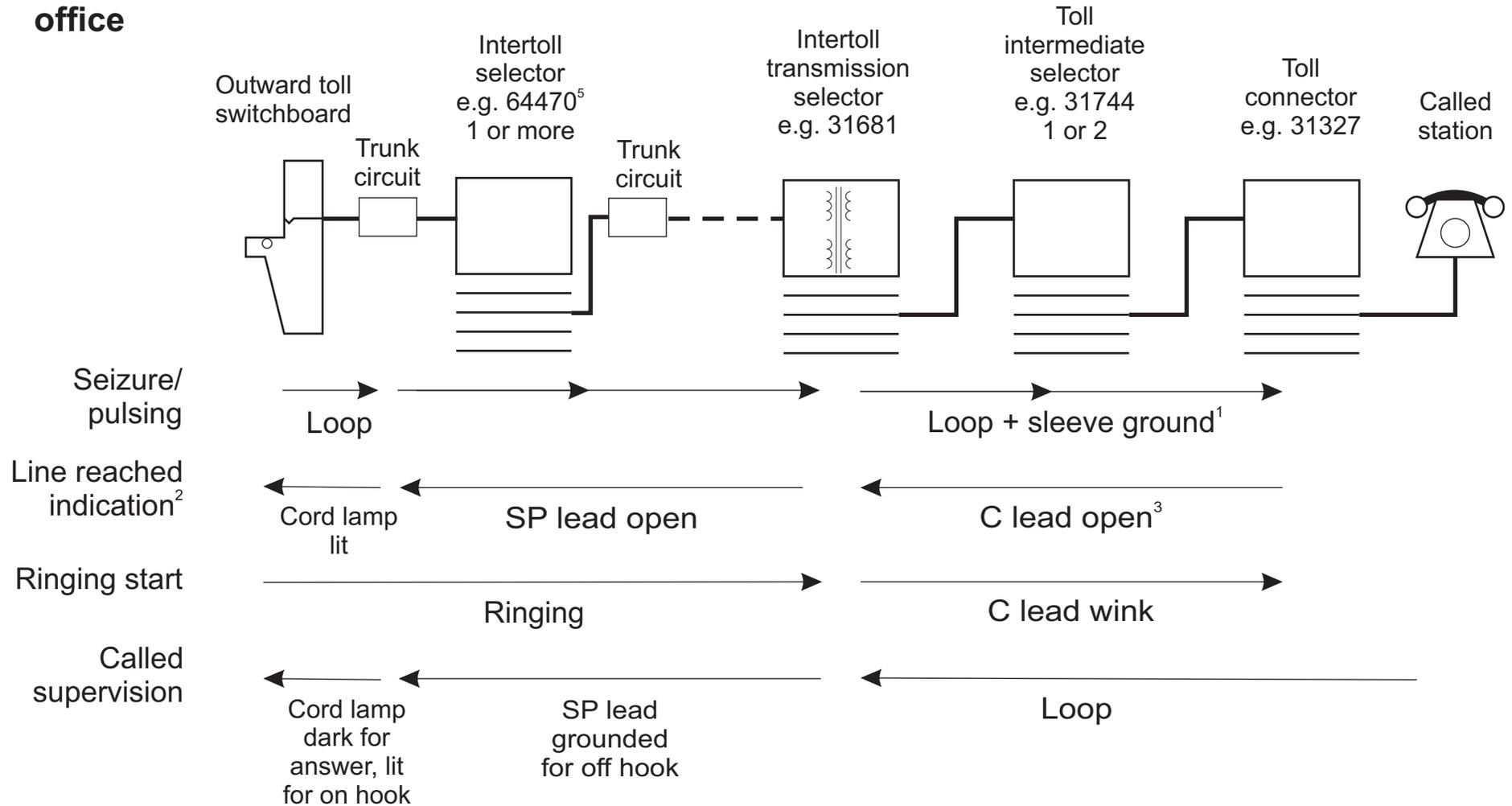


Fig. 1
Intertoll dialing
to SXS dial
office



Notes

- 1 For seizure; pulsing is loop only
- 2 To line whether busy or idle
- 3 Then grounded forward by Toll transmission selector
- 5 Or, with D/A, 55242

----- Interbuilding facility

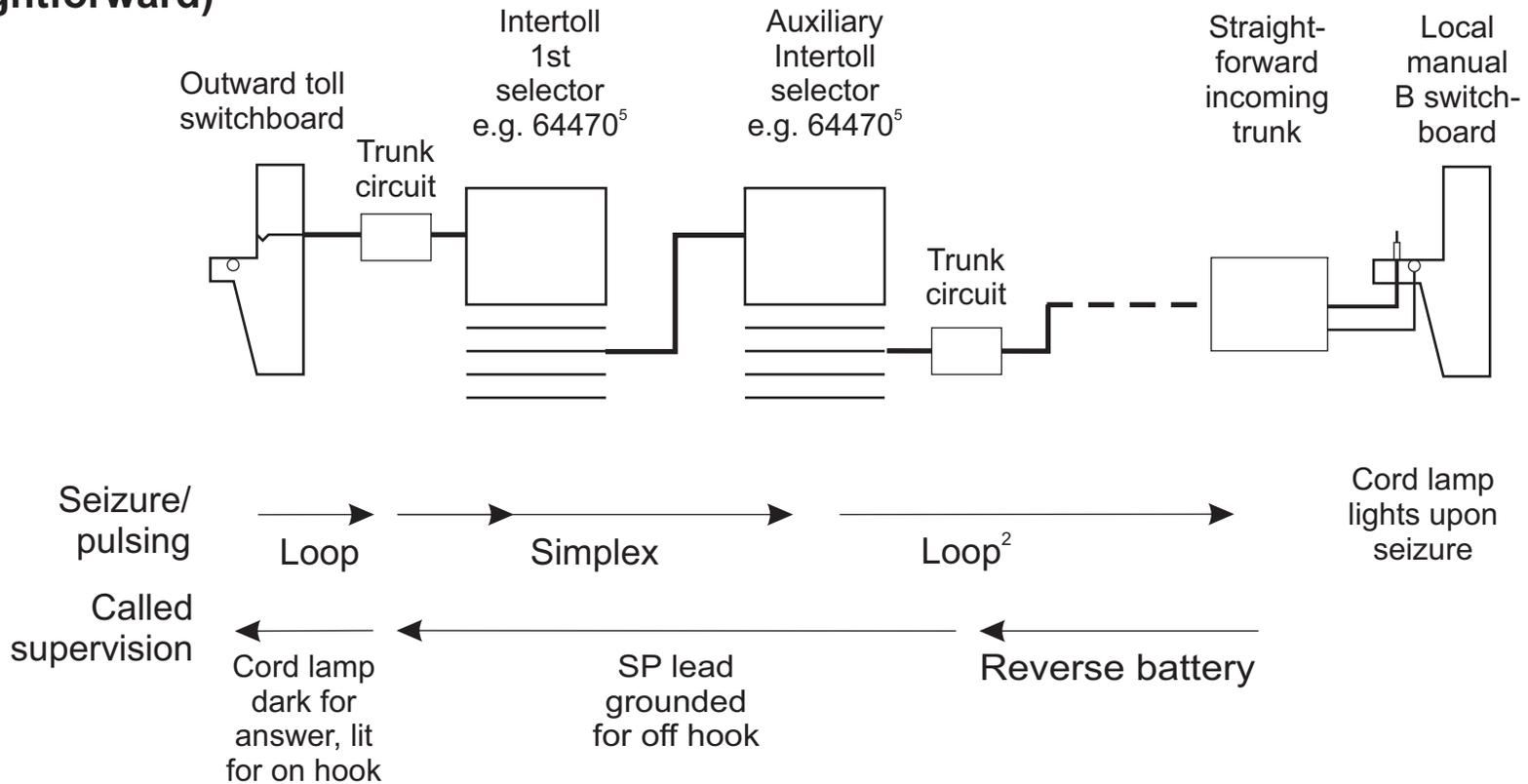
For general notes, see the last sheet.

SXS intertoll and toll trains
Illustrative configurations
Control and signaling

num	iss	date	sht
SXS-SK1151	04	2020.02.17	01
proj	type	dwn	of
SXS study	CDR	DAK	01

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Fig. 2
Intertoll dialing
to manual office
(straightforward)



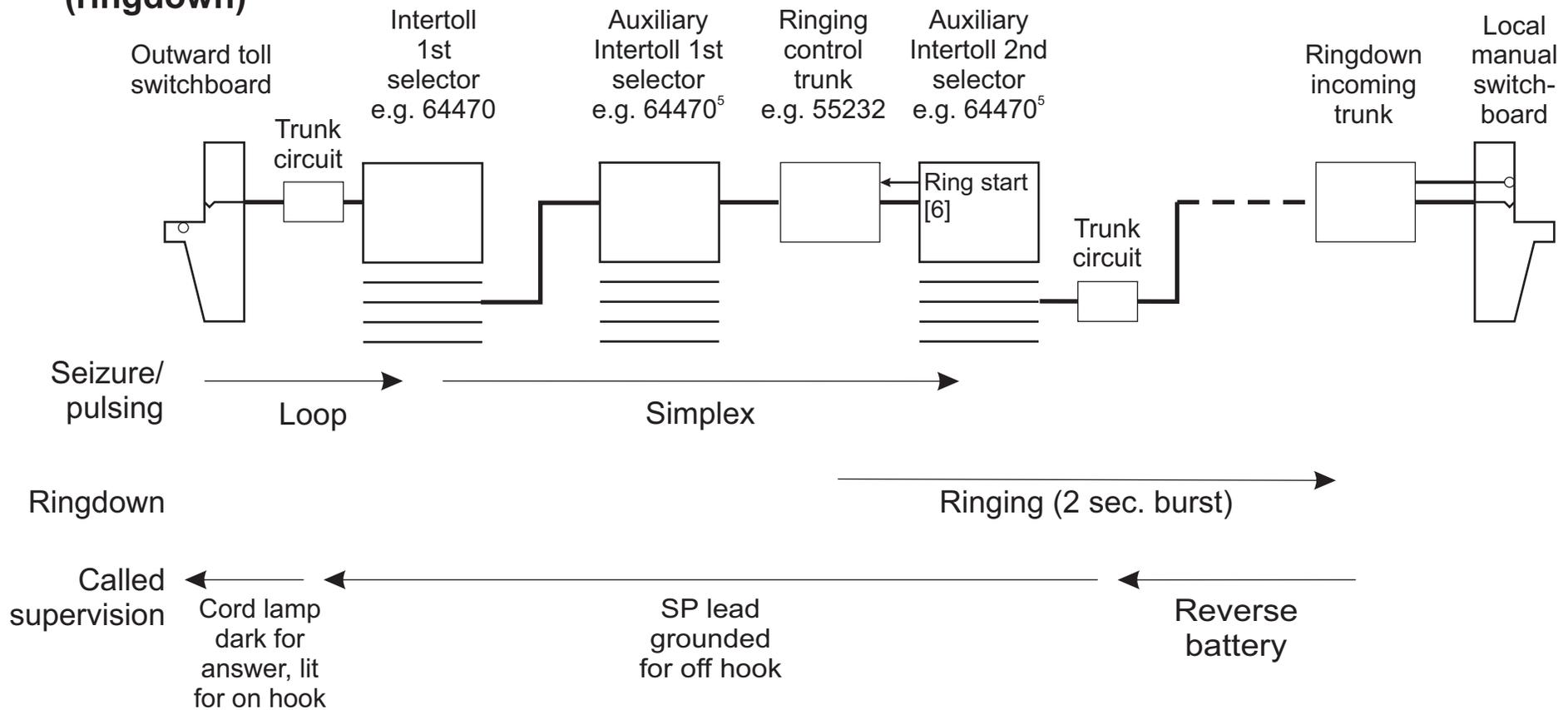
Notes

2 Seizure only
 5 Or, with D/A, 55242

--- Interbuilding facility

SXS intertoll and toll trains Illustrative configurations Control and signaling			
num SXS-SK1151	iss 04	date 2020.02.17	sht 02
proj SXS study	type CDR	dwn DAK	of 01
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Fig. 3
Intertoll dialing
to manual office
(ringdown)



Notes

5 Or, with D/A, 55242

6 Ring start signal given as soon as ringdown trunk is reached.

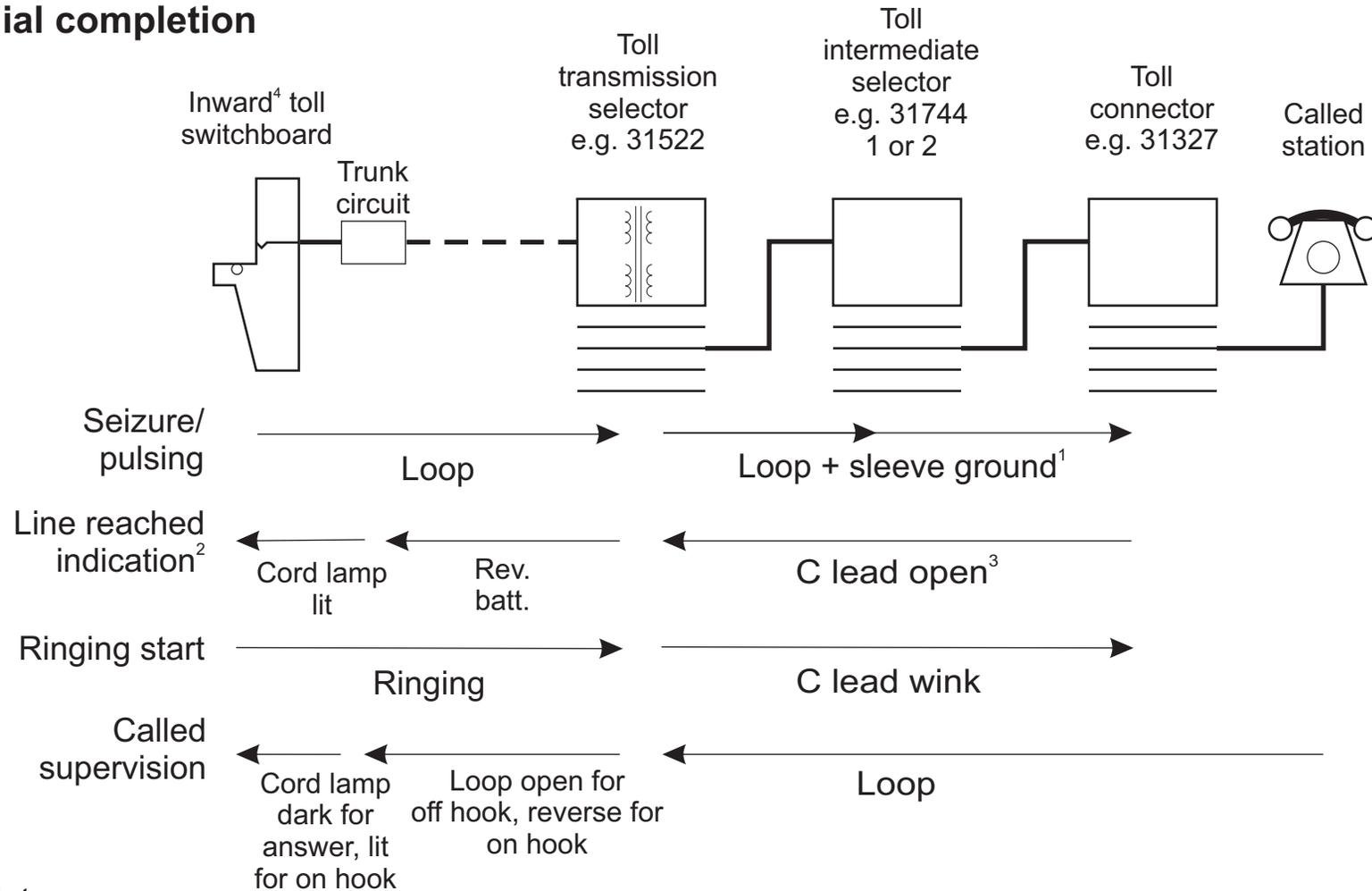
--- Interbuilding facility

SXS intertoll and toll trains
Illustrative configurations
Control and signaling

num	iss	date	sht
SXS-SK1151	04	2020.02.17	03
proj	type	dwn	of
SXS study	CDR	DAK	01

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Fig. 4
Inward toll
operator
dial completion



Notes

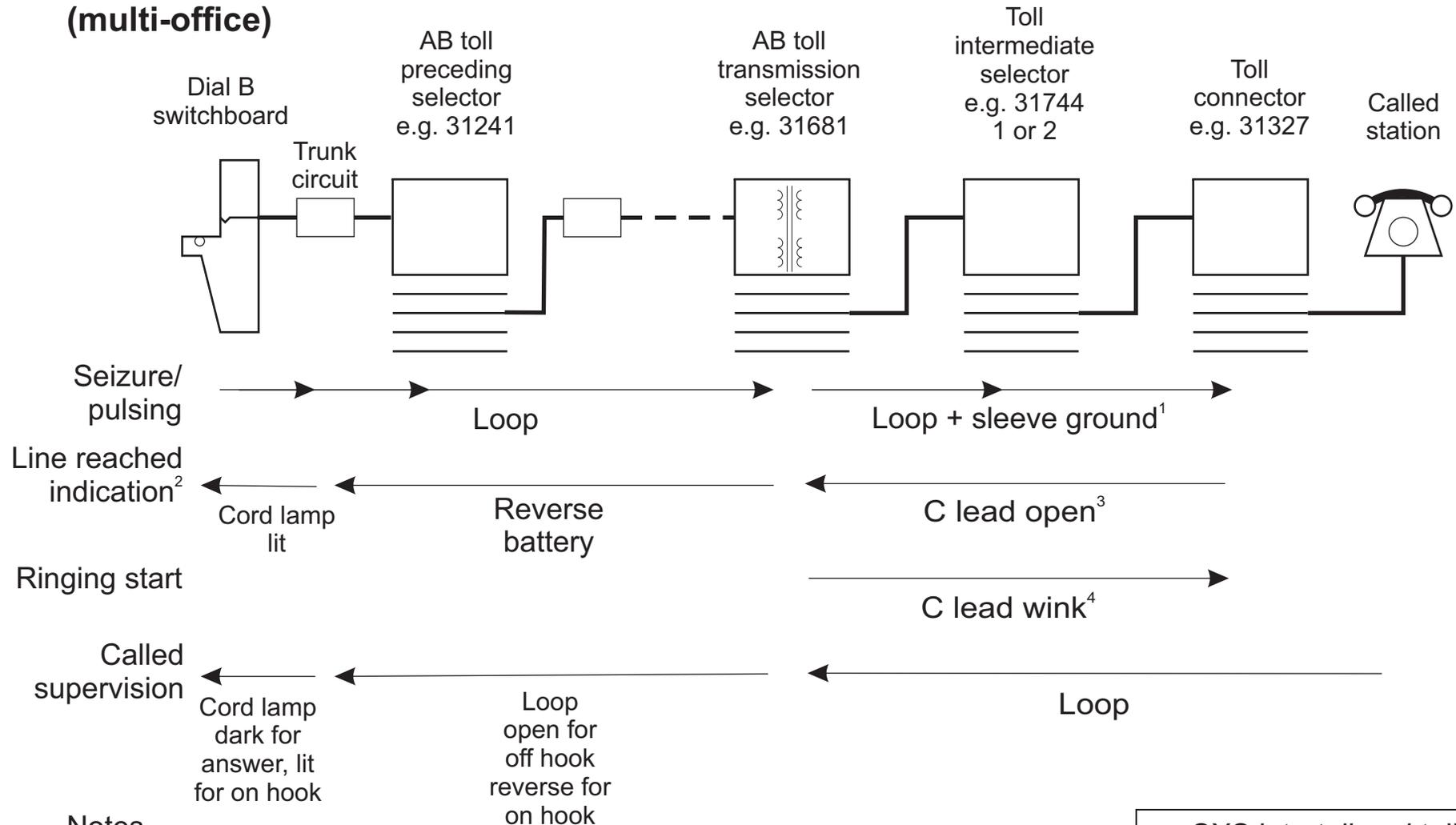
- 1 For seizure; pulsing is loop only
- 2 To line whether busy or idle
- 3 Then grounded forward by Toll transmission selector
- 4 Also from outward toll board when calling called party back on delayed call completion

SXS intertoll and toll trains
Illustrative configurations
Control and signaling

num	iss	date	sht
SXS-SK1151	04	2020.02.17	04
proj	type	dwn	of
SXS study	CDR	DAK	01

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Fig. 5
A-B toll dial
completion
(multi-office)



Notes

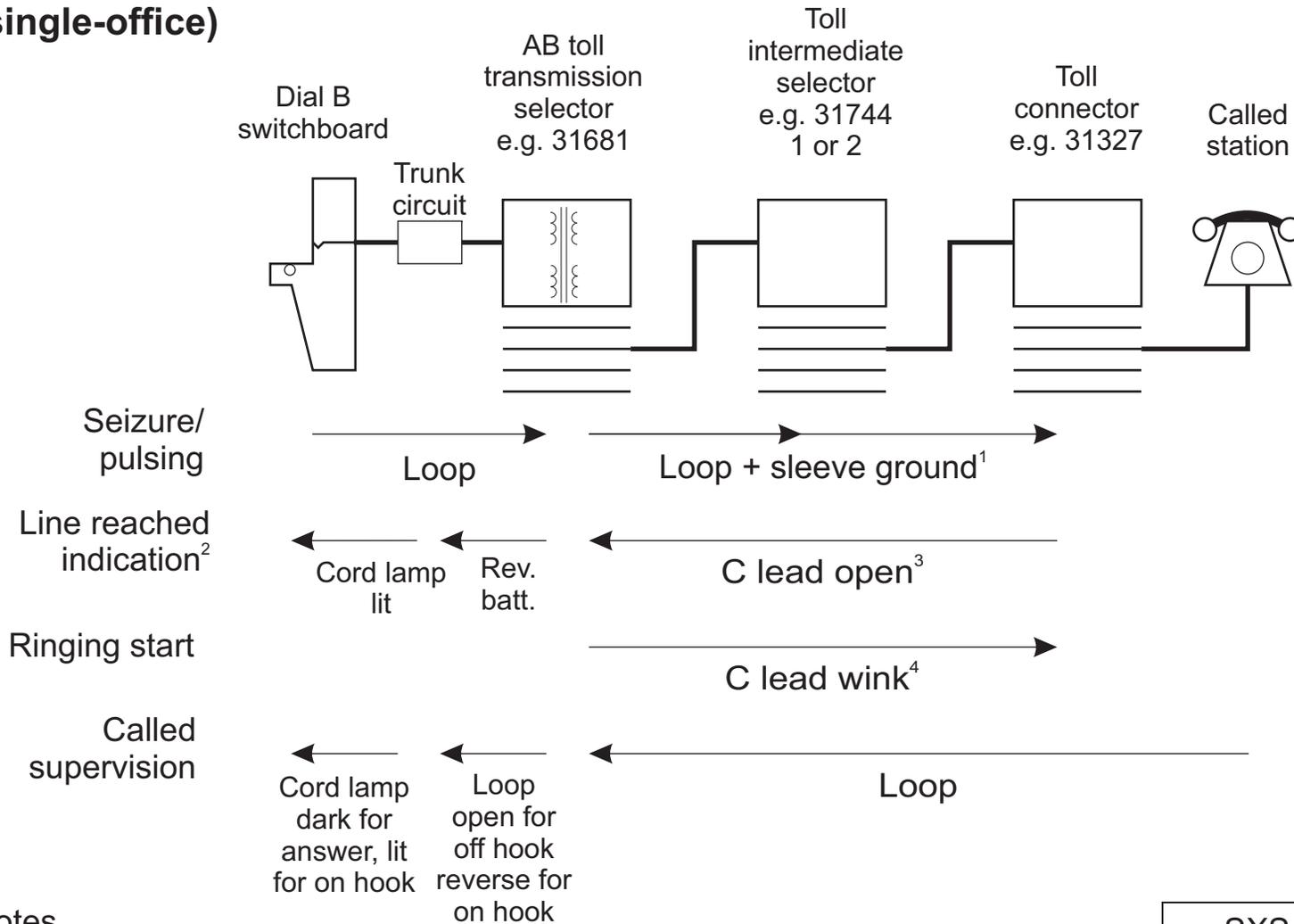
- 1 For seizure; pulsing is loop only
- 2 To line whether busy or idle
- 3 Then grounded forward by Toll transmission selector
- 4 Sent as soon as line reached indication received

SXS intertoll and toll trains
Illustrative configurations
Control and signaling

num	iss	date	sht
SXS-SK1151	04	2020.02.17	05
proj	type	dwn	of
SXS study	CDR	DAK	01

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Fig. 6
A-B toll dial
completion
(single-office)



Notes

- 1 For seizure; pulsing is loop only
- 2 To line whether busy or idle
- 3 Then grounded forward by Toll transmission selector
- 4 Sent as soon as line reached indication received

SXS intertoll and toll trains Illustrative configurations Control and signaling			
num SXS-SK1151	iss 04	date 2020.02.17	sht 06
proj SXS study	type CDR	dwn DAK	of 01
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Caveat

At this writing (2020), authentic detailed information about the topics of this drawing is hard to come by.

Accordingly, the author has had to do a lot of interpolation, triangulation, and just plain enlightened speculation in preparing the drawing.

In any case, there were many variations in how these basic concepts were applied, and the planning guidelines varied progressively over time as the network evolved.

And by about 1960, the concepts illustrated had become almost fully obsolete, intertoll switching being done by crossbar switching systems, and toll calls to SXS offices being completed through the local switch train.

Readers should keep all that in mind before relying on this information.

DAK

General notes

101 Ringing of called station always from toll connector (where applicable)

102 Battery feed to called station always from toll transmission selector (where applicable)

SXS intertoll and toll trains Illustrative configurations Control and signaling

num	iss	date	sht
SXS-SK1151	04	2020.02.17	07
proj	type	dwn	of
SXS study	CDR	DAK	01

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