

## **APPENDIX I.**

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# **GLOSSARY OF CONVENTIONAL SIGNS**

**on G.S.G.S. and Original Maps of**

**GERMANY, AUSTRIA,**

**CZECHOSLOVAKIA, AND POLAND**

# GLOSSARY OF CONVENTIONAL SIGNS

## ON G.S.G.S. AND ORIGINAL MAPS OF GERMANY, AUSTRIA, CZECHOSLOVAKIA, AND POLAND

This glossary has been based on a German Air Ministry publication of January, 1941, "Bildliche Darstellung der Kartenzeichen in den amtlichen deutschen Karten", copies of which were captured in North Africa. Considerable modifications to this have been made.

The object of this glossary is to set out and to correlate the conventional signs which appear on map series (G.S.G.S. series and local ones) covering Germany, Austria, Czechoslovakia, and Poland; and also to supply sketches of the actual features represented by the various map signs, and thus to assist in speedy and accurate map-reading.

The various map series that have been covered in this glossary are :—

### A. Main G.S.G.S. series :

(i)	G.S.G.S. 4414—Germany, 1 : 25,000 . . . . .	Copied from B (i) and (ii).
(ii)	G.S.G.S. 4416—Central Europe, 1 : 100,000	
(iii)	G.S.G.S. 4346—Germany and Eastern Europe, 1 : 250,000 . . . . .	Based on B (iv) in Germany, on C (ii) and D (ii) in Eastern Austria and Southern Czechoslovakia, and on E (ii) in Poland.

### B. German original series :

(i)	"Topographische Karte", 1 : 25,000		Reproduced direct as G.S.G.S. 4414.
(ii)	State series ("Landeskartenwerke"), 1 : 25,000		
(a)	"Messtischblätter" of Prussia (Preuss.)		
(b)	"Messtischblätter" of Saxony (Sachs.)		*Reproduced direct as G.S.G.S. 4497.
(c)	"Topographische Karte" of Bavaria (Bay.) *		
(d)	"Topographische Karte" of Baden (Bad.)		
(e)	"Höhenschichten-Karte" of Hessen (Hess.)		
(f)	"Topographische Karte" of Württemberg (Württ.)		
(iii)	"Karte des Deutschen Reiches", 1 : 100,000 . . . . .		Reproduced direct as G.S.G.S. 4081.
(iv)	"Übersichtskarte von Mitteleuropa", 1 : 300,000 . . . . .		Basis of G.S.G.S. 4346 in Germany.

### C. Austrian original series :

(i)	"Spezialkarte von Österreich", 1 : 75,000 . . . . .	Reproduced direct as G.S.G.S. 5005.
(ii)	"Generalkarte von Mitteleuropa", 1 : 200,000 . . . . .	Basis of G.S.G.S. 4346 in Eastern Austria.

### D. Czechoslovak original series :

(i)	"Specialni mapa", 1 : 75,000 . . . . .	Reproduced direct as G.S.G.S. 4060.
(ii)	"Generalni mapa", 1 : 200,000 . . . . .	Basis of G.S.G.S. 4346 in Southern Czechoslovakia.

### E. Polish original series :

(i)	"Mapa Taktyczna", 1 : 100,000 . . . . .	Reproduced direct as G.S.G.S. 4177.
(ii)	"Mapa Operacyjna", 1 : 300,000 . . . . .	Basis of G.S.G.S. 4346 in Poland.

It will be noted that all the original map series mentioned above have been reproduced more or less directly as G.S.G.S. maps.

A special word of explanation is required about the German 1 : 25,000 series, listed at B (i) and (ii). Prior to 1937 each German State had prepared and maintained its own 1 : 25,000 map series. In 1937 it was ruled that all these separate series were to be brought into line, and were to be redrawn as standard sheets of a "Topographische Karte". In most cases, however, this programme has not yet been carried out, and sheets remain in the State map form. Differences in conventional signs used for the same features naturally occur with these heterogeneous series; thus, for example, a dyke is shown by one sign on the "Topographische Karte" and by a rather different sign on the Baden State map. Lack of reference to other State maps generally implies that the sign for that particular feature is the same as that used on the "Topographische Karte".

In the glossary, the "Topographische Karte" series has been referred to simply as "1 : 25,000", while the state series have been referred to by the abbreviation shown in brackets at B (ii) above. The little diagram opposite shows the areas of the various states concerned.



Area Covered by German State Series (Landeskartenwerke) 1 : 25,000

A—Preuss.	—Prussia	(Messtischblätter)
B—Sachs.	—Saxony	(Messtischblätter)
C—Bay.	—Bavaria	(Topographische Karte)
D—Bad.	—Baden	(Topographische Karte)
E—Hess.	—Hessen	(Höhenschichten-Karte)
F—Württ.	—Württemberg	(Topographische Karte)

The glossary has been set out in the following groups of features :

Railways	...	...	...	pages iii—v
Roads and tracks	...	...	„	v—vii
Bridges	...	...	„	vii—viii
Soils and types of cultivation	...	...	„	viii—xi
Slopes and scarps	...	...	„	xi—xiii
Settlements	...	...	„	xiii—xiv
Buildings and industrial features	...	...	„	xiv—xxii
Miscellaneous features	...	...	„	xxii—xxv
Water features	...	...	„	xxv—xxxii

Each feature has been numbered, and the signs and sketch relevant to it have been treated in three main columns. The left-hand column gives the signs used on the main G.S.G.S. map series (those listed at 'A' above); the central column gives sketches illustrating the signs; the right-hand column sets out the signs used on the local original map series. The Austrian and Czechoslovak signs are mostly grouped together, since the 1 : 75,000 and the 1 : 200,000 series of both countries have a common origin. The Polish 1 : 100,000 and 1 : 300,000 series also have a common origin with the German series of the same scales, and similarity will be found between many of the Polish and German signs. Except where otherwise stated, signs in this column refer to German series.

It is obvious that a large number of similar features are all grouped together and shown by the same sign on a small-scale series, whereas they can be individually distinguished by separate signs on larger-scale maps, e.g., the one sign for "Paths" on G.S.G.S. 4346 (1 : 250,000) covers the seven different signs for different types of paths, etc., that are shown by the German 1 : 25,000 sheets. This makes cross-referencing necessary between signs. Some difficulty has also arisen in cases where the description given for one group of signs does not describe, entirely correctly, the feature illustrated by one particular sign within that group. The best example of this difficulty occurs in the cases of the main roads, which have been grouped into the width categories of the system of road classification adopted for Germany. These width categories adopted on the G.S.G.S. maps of Germany correspond very closely with the original German signs. In Austria, Czechoslovakia, and Poland the equivalent road symbols shown do not correspond (except in terms of general importance) to the German width categories, nor of course to the German designations of the categories.

On page xxxii such additional signs as have not been dealt with in the main part of the glossary (e.g. boundaries and relief) are set out as a supplement. These extra signs were not included in the original German publication (and hence are not illustrated by sketches).

On all map series various less common features are indicated by annotations, often in abbreviated form. Explanations and translations of these annotations are set out in the various glossaries to the languages concerned; many of the important abbreviations, however, are shown in this glossary.

It should finally be noted that the conventional signs on the G.S.G.S. series which cover the small area of Southern Austria (S. of 47°N.) have not been shown in this glossary (*G.S.G.S. 4230, Italy, 1 : 250,000*; *G.S.G.S. 4113, Yugoslavia, 1 : 250,000*; *G.S.G.S. 4164, Italy, 1 : 100,000*; *G.S.G.S. 4396, Yugoslavia, 1 : 100,000*).

# Signs on G.S.G.S. maps Sketch

# Signs on original maps

## Railways

1 Main line with several tracks

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b>		Bad. Württ.		Poland 1:100 000 1:300 000

2 Single-track main line and normal gauge branch line

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b>		Bad. Württ.		Poland 1:100 000 1:300 000

3 Normal gauge light railway similar to branch line

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b> See 2		1:300 000		1:200 000
<b>G.S.G.S. 4346</b>		Hess. Bay.		Poland 1:100 000 1:300 000

4 Narrow-gauge branch line (a); narrow gauge light railway similar to branch line (b); laid on the road (c)

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b>		Preuß. Sachs. Bay. Hess. Bad. Württ.		Poland 1:100 000 1:300 000

5 Tram and service line [purely service line (a)]; electric tram line (b); on the road (c)

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b> See 4		Bad. Bay. Württ. Hess. b		Poland 1:100 000 1:300 000

6 Cable railway (a); and suspension railway (b); rack railway (c)

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b> See 4		Bay. Württ. Hess. b		Poland 1:100 000 1:300 000

7 Railway on embankment (a); and in cutting (b)

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b> a b		1:25 000	1:100 000	1:200 000 Poland 1:100 000
		Bad. Württ.		1:100 000

8 Cutting on hill-side; corniche, excavation, retaining wall (a); and revetment, retaining wall (b)

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
		1:300 000		1:200 000 Poland 1:100 000
		a b		1:100 000

9 Railway station

<b>G.S.G.S. 4414</b> See German I : 25,000		1:25 000	1:100 000	Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>		1:300 000		1:200 000
<b>G.S.G.S. 4346</b>		Bad. Württ.		Poland 1:100 000 1:300 000

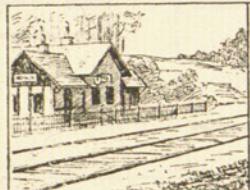
# Signs on G.S.G.S. maps Sketch

# Signs on original maps

## Railways

### 10 Railway halt

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	— Hp.
<b>G.S.G.S. 4346</b>	— Hp.



1:25 000	Hst. — Hp.
Preuß. Sachs.	— Hp.
Hess.	— Hp.
Bay.	— Hp. H St.
Bad.	— Hp.
Württ.	— Hp. (H St.)

1:100 000	— Hp.
1:300 000	— Hp.

Austria; Czechoslovakia	— H St.
1:75 000	— H St.
1:200 000	— H St.
Poland	— P.
1:100 000	— P.
1:300 000	— P.

### 11 Signal box

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



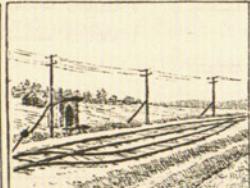
1:25 000	Blst.
Preuß. Sachs.	— Bl St.
Hess. Bay.	— Bl St.
Bad. Württ.	— Bl St.
Austria; Czechoslovakia	—
1:75 000	—

1:100 000	—
1:300 000	—

Austria; Czechoslovakia	— H St.
1:75 000	— H St.
1:200 000	— H St.
Poland	— P.
1:100 000	— P.
1:300 000	— P.

### 12 Siding

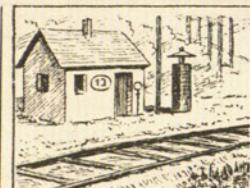
<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



1:25 000	—
Poland	— Mij.
1:100 000	— Mij.

### 13 Flagman's house, Railway man's hut

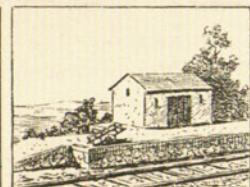
<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	See ff



1:25 000	B.W.
Preuß. Sachs.	— B.W.
Bay. Hess.	— B.W.
Bad. Württ.	— B.W.
Austria	—
1:75 000	See ff

### 14 Loading station, loading platform

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



1:25 000	L st.
Preuß. Sachs.	— L st.
Hess.	— L st.
Bay.	— L st.
Bad.	— L st.
Württ.	— L st.
Poland	— Lad.
1:100 000	— Lad.

### 15 Culvert

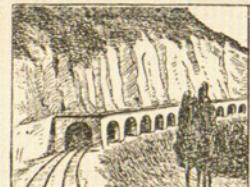
<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



1:25 000	X
Austria; Czechoslovakia	X
1:75 000	X
Poland	X
1:100 000	X

### 16 Gallery

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



1:75 000	—
Austria; Czechoslovakia	—

### 17 Tunnel

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	→---→



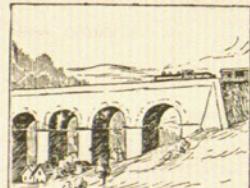
1:25 000	—
Preuß. Sachs.	—
Bay.	—
Bad.	—
Hess.	—
Württ.	—

1:100 000	—
1:300 000	—

Austria; Czechoslovakia	—
1:75 000	—
1:200 000	—
Poland	—
1:100 000	—
1:300 000	—

### 18 Viaduct—iron (a); stone (b)

<b>G.S.G.S. 4414—</b>	
See German	1 : 25,000
<b>G.S.G.S. 4416</b>	—



1:25 000	a
Bay.	a
Bad.	a
Württ.	a

1:100 000	b
1:100 000	b
1:200 000	b
Poland	b
1:100 000	b

Austria; Czechoslovakia	—
1:75 000	—
1:200 000	—
Poland	—
1:100 000	—

# Signs on G.S.G.S. maps

# Sketch

## Railways

19 Railway bridge over road—iron (a); stone (b)

<b>G.S.G.S. 4414</b> See German I : 25,000					Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>					1:200 000
					Poland 1:100 000
					1:300 000
					See 2f

20 Road bridge over railway line

<b>G.S.G.S. 4414</b> See German I : 25,000					Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>					1:200 000
					Poland 1:100 000
					1:300 000

21 Level crossing

<b>G.S.G.S. 4414</b> See German I : 25,000					Austria; Czechoslovakia 1:75 000
<b>G.S.G.S. 4416</b>					1:200 000
					Poland 1:100 000
					1:300 000

## Roads

22 Motor Highways (independent of road system), Reichsautobahnen, 2 carriage ways each metalled and 7.5 metres wide (a); under construction (b)

<b>G.S.G.S. 4414</b> See German I : 25,000					
<b>G.S.G.S. 4416</b>					
<b>G.S.G.S. 4346</b>					

23 Connecting points with ordinary road system

<b>G.S.G.S. 4414</b> See German I : 25,000					
<b>G.S.G.S. 4416</b>					
<b>G.S.G.S. 4346</b>					

24 Main Roads, Reichsstrassen, with route numbers. Metalled and mostly 6 metres wide (a); under construction (b)

<b>G.S.G.S. 4414</b> See German I : 25,000							Austria; Czechoslovakia 1:75,000 1:200,000
<b>G.S.G.S. 4416</b>							Poland 1:100,000 1:300,000
<b>G.S.G.S. 4346</b>							

25 Other Main Roads (mostly Landstrassen 1 Ordnung) metalled and 5.5 metres average useful width; steep gradient (a)

<b>G.S.G.S. 4414</b> See German I : 25,000							
<b>G.S.G.S. 4416</b>							
<b>G.S.G.S. 4346</b>							

26 Secondary Roads, metalled and 4 metres average useful width; with trees (b)

<b>G.S.G.S. 4414</b> See German I : 25,000							Austria; Czechoslovakia 1:75 000 1:200 000
<b>G.S.G.S. 4416</b>							Poland 1:100 000 1:300 000
<b>G.S.G.S. 4346</b>							

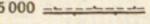
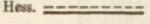
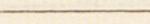
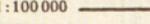
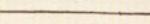
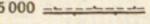
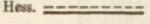
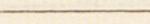
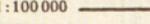
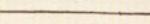
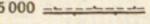
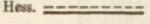
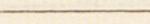
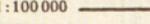
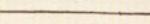
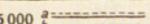
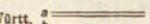
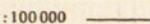
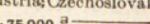
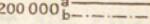
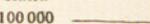
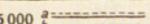
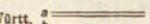
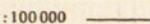
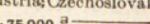
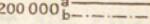
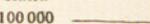
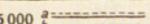
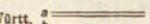
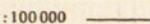
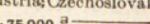
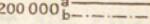
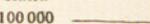
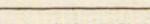
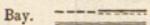
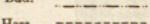
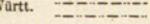
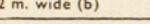
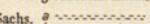
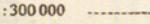
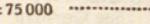
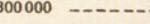
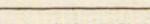
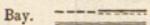
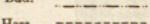
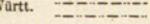
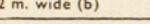
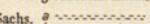
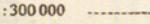
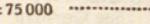
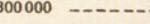
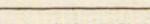
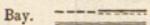
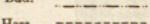
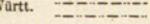
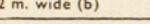
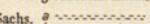
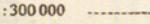
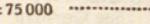
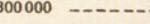
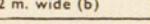
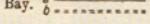
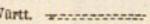
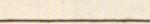
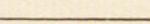
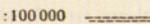
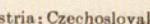
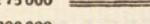
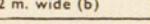
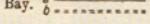
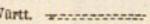
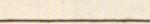
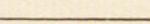
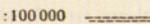
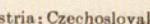
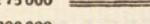
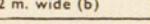
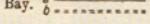
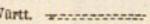
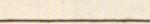
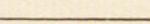
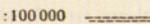
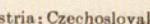
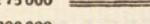
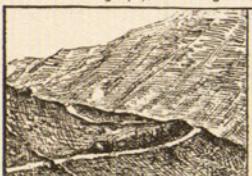
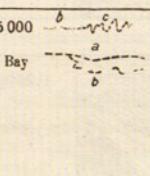
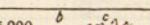
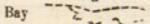
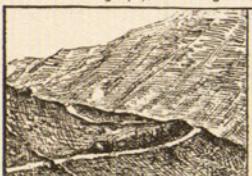
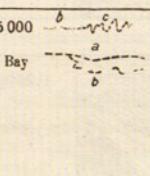
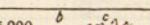
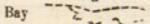
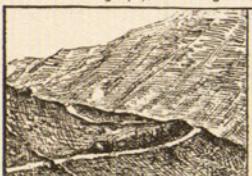
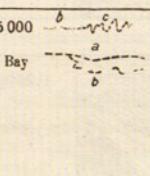
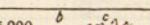
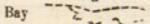
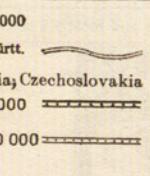
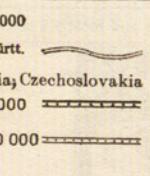
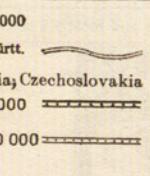
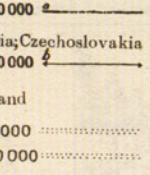
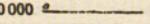
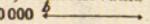
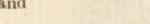
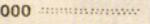
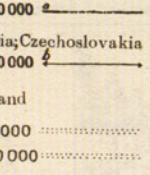
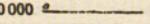
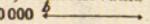
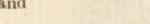
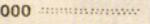
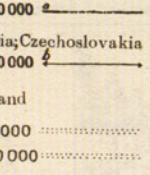
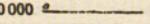
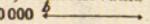
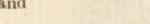
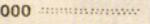
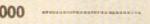
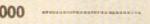
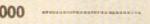
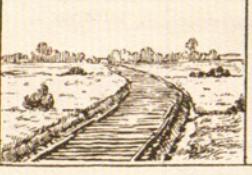
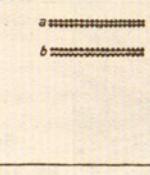
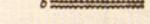
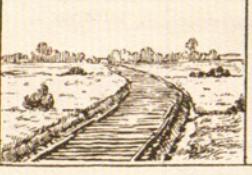
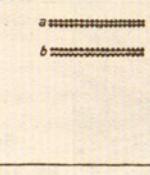
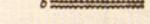
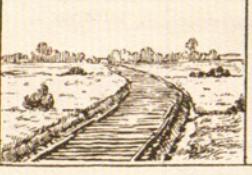
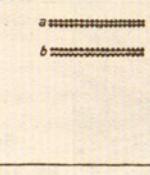
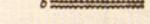
27 Other Secondary Roads, "improved tracks"

<b>G.S.G.S. 4414</b> See German I : 25,000							Austria; Czechoslovakia 1:75 000 1:200 000
<b>G.S.G.S. 4416</b>							Poland 1:100 000 1:300 000
<b>G.S.G.S. 4346</b>							

## Signs on G.S.G.S. maps Sketch

## Signs on original maps

### Roads & Tracks

<p><b>28</b> Other Roads and Cart Tracks. Not always motorable and often unmetalled</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Hess.                       Bad. Württ.  </td><td style="width: 25%; text-align: center;">                     1:100 000                       1:300 000  </td><td style="width: 25%; text-align: center;">                     Austria; Czechoslovakia                      1:75 000                       1:200 000                       Poland:                      1:100 000                       1:300 000  </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Hess.  Bad. Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland: 1:100 000  1:300 000 				
<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Hess.  Bad. Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland: 1:100 000  1:300 000 					
<p><b>29</b> Field and Forest Track (a); earth track (b);</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Bad. Bay.                       Hess.                       Württ.  </td><td style="width: 25%; text-align: center;">                     1:100 000  </td><td style="width: 25%; text-align: center;">                     Austria; Czechoslovakia                      1:75 000                       1:200 000                       Poland                      1:100 000  </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Bad. Bay.  Hess.  Württ. 	1:100 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000 				
<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Bad. Bay.  Hess.  Württ. 	1:100 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000 					
<p><b>30</b> Paths</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Preuß. Sachs.                       Bay.                       Bad.                       Hess.                       Württ.  </td><td style="width: 25%; text-align: center;">                     1:100 000                       1:300 000  </td><td style="width: 25%; text-align: center;">                     Austria; Czechoslovakia                      1:75 000                       1:200 000                       Poland                      1:100 000                       1:300 000  </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Preuß. Sachs.  Bay.  Bad.  Hess.  Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000  1:300 000 				
<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Preuß. Sachs.  Bay.  Bad.  Hess.  Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000  1:300 000 					
<p><b>31</b> Cutting in forest, ride, not fit for wheeled traffic—over 2 m. wide (a); under 2 m. wide (b)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Preuß. Sachs.                       Bay.                       Bad.                       Hess. Württ.  </td><td style="width: 25%; text-align: center;">                     1:100 000                       1:300 000  </td><td style="width: 25%; text-align: center;">                     Austria; Czechoslovakia                      1:75 000                       1:200 000                       Poland                      1:100 000                       1:300 000  </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Preuß. Sachs.  Bay.  Bad.  Hess. Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000  1:300 000 				
<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Preuß. Sachs.  Bay.  Bad.  Hess. Württ. 	1:100 000  1:300 000 	Austria; Czechoslovakia 1:75 000  1:200 000  Poland 1:100 000  1:300 000 					
<p><b>32</b> Drag road in mountains (a); track and track markings (b); climbing track (c)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Bay.                       a                       b  </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  Bay.  a  b 					
<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  Bay.  a  b 						
<p><b>33</b> Old road no longer in use</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       Württ.                       Austria; Czechoslovakia                      1:75 000                       1:200 000  </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  Württ.  Austria; Czechoslovakia 1:75 000  1:200 000 					
<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  Württ.  Austria; Czechoslovakia 1:75 000  1:200 000 						
<p><b>34</b> Winter track (over moors) (a); sleigh track (b)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:300 000                       Austria; Czechoslovakia                      1:200 000                       Poland                      1:100 000                       1:300 000  </td><td style="width: 25%; text-align: center;"> </td></tr> </table>				1:300 000  Austria; Czechoslovakia 1:200 000  Poland 1:100 000  1:300 000 					
			1:300 000  Austria; Czechoslovakia 1:200 000  Poland 1:100 000  1:300 000 						
<p><b>35</b> Road covered at high tide (with guiding posts or brooms)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       1:300 000  </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  1:300 000 					
<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  1:300 000 						
<p><b>36</b> Corduroy road (made of round logs) (a); ballast road (b)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> <b>G.S.G.S. 4414—</b> See German I : 25,000                 </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">  </td><td style="width: 25%; text-align: center;">                     1:25 000                       a                       b  </td><td style="width: 25%; text-align: center;"> </td></tr> </table>	<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  a  b 					
<b>G.S.G.S. 4414—</b> See German I : 25,000			1:25 000  a  b 						

## Signs on G.S.G.S. maps Sketch Signs on original maps

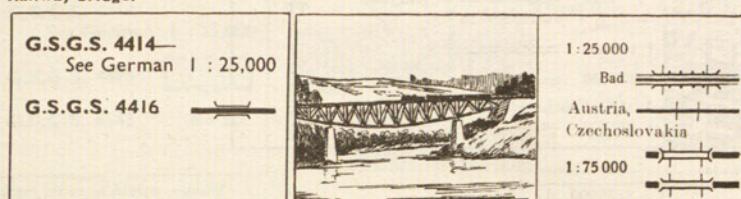
### Roads & Tracks

37 Turn-out or passing place (a); bottle-neck (road narrows) (b)

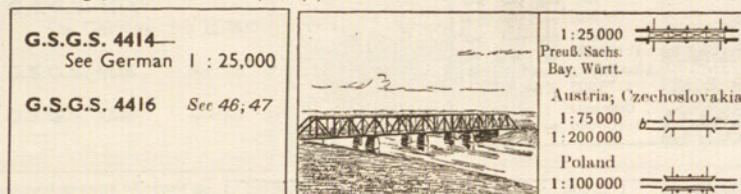


### Bridges

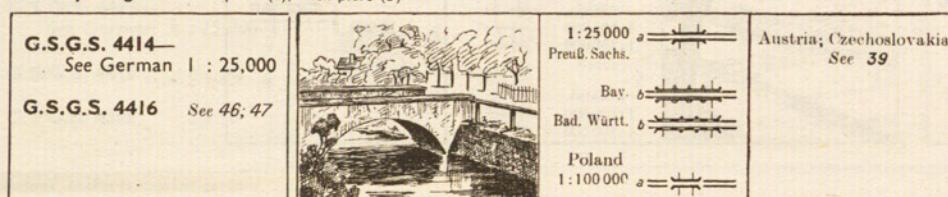
38 Railway bridge.



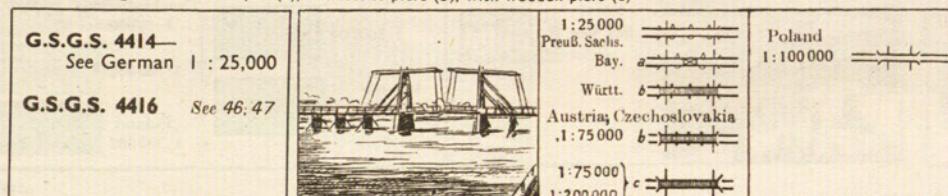
39 Iron bridge, with iron or stone piers (b)



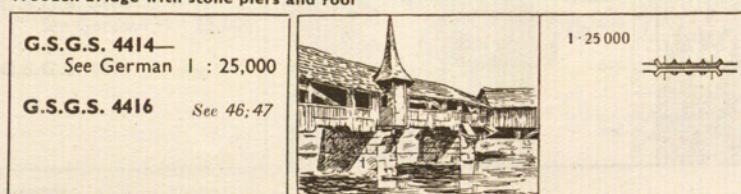
40 Masonry bridge—without piers (a), with piers (b)



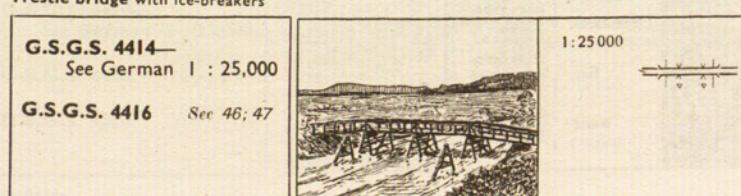
41 Wooden bridge—with draw span (a), with stone piers (b), with wooden piers (c)



42 Wooden bridge with stone piers and roof



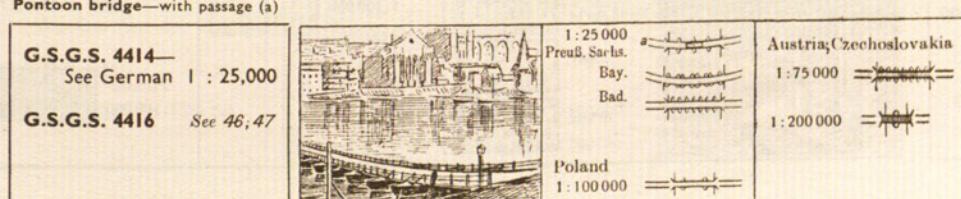
43 Trestle bridge with ice-breakers



44 Wooden bridge with stone abutments



45 Pontoon bridge—with passage (a)

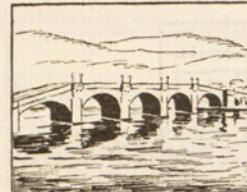


## Signs on G.S.G.S. maps

### Bridges

46 Road bridge—for 1 column (a, c), for 2 columns of traffic (b, d)

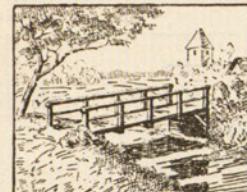
<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
" "	



1:25 000	
Austria; Czechoslovakia	
1:75 000	
with passage under (on old sheets)	
c	
d	

47 Bridge—carrying 23 tons (a), 16 tons (b), 7 tons (c), under 7 tons (d)

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Hess.	
1:100 000	
1:300 000	
Austria; Czechoslovakia	
1:200 000	

Poland	
1:100 000	

48 Footbridge—iron (a), stone (b), timber (c), for horses (d), men (e)

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Preuß. Sachs.	
Bay.	
Bad.	
Württ.	
1:100 000	
Austria; Czechoslovakia	
1:75 000	
Ostgebiete	
1:100 000	

49 Ford—for wheeled vehicles (a), for horses (b), for men (c)

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4346</b>	



1:25 000	
Pr. Sachs. Bay. Bad. Württ.	
1:100 000	
1:300 000	

Austria; Czechoslovakia	
1:75 000	

### Types of Cultivation

50 Forest, with rides (a)

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Bad. Hess.	
1:300 000	

1:100 000	
1:300 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	

51 Cleared forest

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Bad.	

52 Plantation (nursery for seedlings)

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Preuß. Sachs.	
Bay.	

53 Deciduous woods

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Preuß. Sachs.	
Bay.	

1:100 000	
Poland	

1:100 000	
Poland	

54 Coniferous woods

<b>G.S.G.S. 4414—</b> See German I : 25,000	
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



1:25 000	
Preuß. Sachs.	
Bay.	

1:100 000	
Poland	

1:100 000	
Poland	

## Signs on G.S.G.S. maps Sketch

### Types of Cultivation

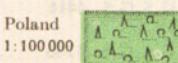
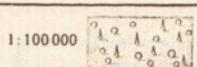
55 Mixed woods—new (a) and older (b) symbol

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** See 50

**G.S.G.S. 4346** See 50



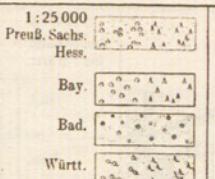
56 Bushes, scrub and willow plantations

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** [Symbol]

**G.S.G.S. 4346** See 50



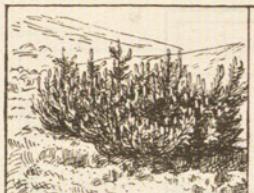
57 Dwarf pines in Alpine country

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** See 56

**G.S.G.S. 4346** See 50



1:25 000

Bay.



58 Isolated groups of trees (a), prominent (b).

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** See 50

**G.S.G.S. 4346** See 50



1:25 000

Württ.



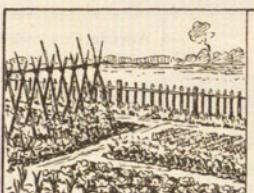
59 Gardens, orchards, market-gardens

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** [Symbol]

**G.S.G.S. 4346** See 50



1:25 000

Preuß. Sachs.

Bay.



60 Park

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** See 50



1:25 000

Preuß. Sachs.

Bay.

Bad.



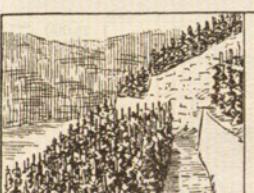
61 Vineyards

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** [Symbol]

**G.S.G.S. 4346** [Symbol]



1:25 000

1:100 000

1:300 000

Austria; Czechoslovakia

1:75 000

1:200 000

Poland

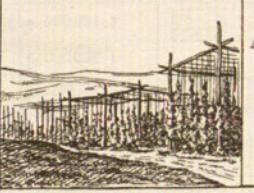
1:100 000



62 Hopfields

**G.S.G.S. 4414—**

See German I : 25,000



1:25 000

1:100 000

Austria; Czechoslovakia

1:75 000

1:200 000

Poland

1:100 000



63 Tree-nursery

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416** See 50

**G.S.G.S. 4346-** See 50



1:25 000

Preuß. Sachs.

Bay.

Württ.

1:100 000

1:300 000



# Sketch

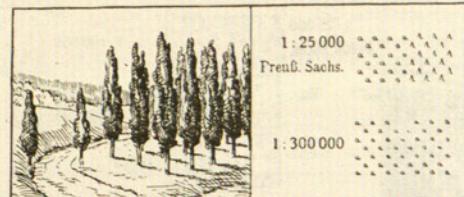
## Signs on G.S.G.S. maps

## Signs on original maps

### Soils and types of Cultivation

64 Plantation (in regular order)

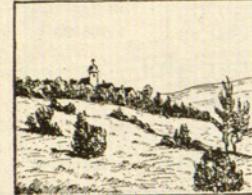
<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
<b>G.S.G.S. 4416</b>	See 50	
<b>G.S.G.S. 4346</b>	See 50	



1 : 25 000	Preuß. Sachs.
1 : 300 000	

65 Meadow

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
-----------------------	------------	------------



1 : 25 000	Preuß. Sachs. Bay. Württ. Bad. Hess.
1 : 100 000 1 : 300 000	
1 : 75 000	Austria; Czechoslovakia

Poland  
1 : 100 000  
1 : 300 000

66 Arable field—with trees (a)

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
-----------------------	------------	------------



1 : 25 000	
1 : 25 000 Württ.	

67 Watermeadow, sedge

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
-----------------------	------------	------------



1 : 25 000	Preuß. Sachs. Bay. Württ. Preuß. Sachs. Bay. Bad.
1 : 100 000 1 : 300 000	
1 : 75 000 1 : 200 000 } See 59	

Poland  
1 : 100 000 See 59

68 Orchard (a); field with trees (b)

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
<b>G.S.G.S. 4416</b>		
<b>G.S.G.S. 4346</b>	See 50	



1 : 25 000	Bad. a Hess. a Württ. a
b a	

Austria; Czechoslovakia  
1 : 75 000 } See 59

Poland  
1 : 100 000 See 59

69 Pasture

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
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1 : 25 000	Preuß. Sachs. Bay. Bad. Württ. 1 : 100 000 1 : 300 000
------------	---

Austria; Czechoslovakia  
1 : 75 000 See 65

Poland  
1 : 100 000

70 Swamp, bog—with peat cutting

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
<b>G.S.G.S. 4416</b>		
<b>G.S.G.S. 4346</b>		



1 : 25 000	Preuß. Sachs. Bay. Bad. Hess.
1 : 100 000 1 : 300 000	
1 : 75 000 1 : 200 000 1 : 300 000	

Austria; Czechoslovakia  
1 : 75 000

Poland  
1 : 100 000

71 Heath (a) and wasteland

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
<b>G.S.G.S. 4346</b>		



1 : 25 000	Preuß. Sachs. Hess. Bay. Bad. Württ. a
1 : 100 000 1 : 300 000	

Austria; Czechoslovakia  
1 : 75 000 See 65, 69

Poland  
1 : 100 000

72 Sand, gravel and shingle

<b>G.S.G.S. 4414—</b>	See German	1 : 25,000
<b>G.S.G.S. 4416</b>		
<b>G.S.G.S. 4346</b>		



1 : 25 000	Preuß. Sachs. Bay. Bad. Württ.
1 : 100 000 1 : 300 000	

Austria; Czechoslovakia  
1 : 75 000

Poland  
1 : 100 000

1 : 300 000

## Signs on G.S.G.S. maps

## Sketch

## Signs on original maps

### Soils and types of Cultivation

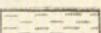
73 Forestland

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416** See 50
- G.S.G.S. 4346** See 50



1:25 000

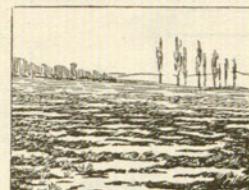
Bay.



Austria; Czechoslovakia  
I: 75 000 }  
I: 200 000 } See 50  
Poland  
I: 100 000 }  
I: 300 000 } See 50

74 Swampy ground

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416** See 70
- G.S.G.S. 4346** See 70



1:25 000

Preuß. Sachs.

Bay.

Preuß. Sachs.

Bay.

1:100 000

Austria; Czechoslovakia

I: 75 000

1:200 000

1:300 000

Poland

I: 100 000 See 70

### Slopes and Scars

75 Cliff (Terraces); edge, natural (a), artificial (b)

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416** See 76
- G.S.G.S. 4346** See 76



1:25 000

Preuß. Sachs.

Hess.

Bay.

Bad.

1:100 000

Württ.

1:100 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

I: 200 000

Poland

I: 100 000

76 Cliff, crags

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**
- G.S.G.S. 4346**



1:25 000

Preuß. Sachs.

Hess.

Bay.

Bad.

1:100 000

Württ.

1:100 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

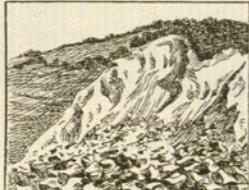
I: 200 000

Poland

I: 100 000

77 Scree, shingle-bank, moraine, boulders

- G.S.G.S. 4414—**  
See German I : 25,000



1:25 000

Bay.

Bad.

Württ.

1:100 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

I: 200 000

Poland

I: 100 000

78 Slight slope, land slide

- G.S.G.S. 4414—**  
See German I : 25,000



1:25 000

Bad.

Württ.

1:100 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

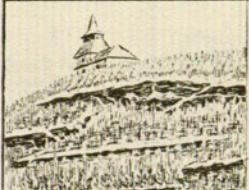
I: 200 000

Poland

I: 100 000

79 Rock outcrop

- G.S.G.S. 4414—**  
See German I : 25,000



1:25 000

Preuß. Sachs.

Hess.

Bay.

Bad.

Württ.

1:75 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

80 Ridge between the fields, terrace, rideau

- G.S.G.S. 4414—**  
See German I : 25,000



1:25 000

Bad.

Württ.

1:100 000

Austria; Czechoslovakia

I: 75 000

81 Strip of bushes—along slope (b)

- G.S.G.S. 4414—**  
See German I : 25,000



1:25 000

Preuß. Sachs.

Bay.

Württ.

1:100 000

Preuß. Sachs.

Austria; Czechoslovakia

I: 75 000

Bay.

b

Württ.



## Signs on G.S.G.S. maps

## Sketch

## Signs on original maps

### Slopes and Scarps

91 Dyke, highwater dam

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>

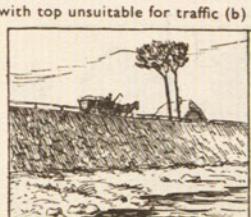


1:25 000

Bad.  
Poland  
1:100 000

Austria; Czechoslovakia

I:75 000



1:25 000

Bay.  
Bad.  
Poland  
1:100 000

92 Dam, with top suitable for traffic (a); with top unsuitable for traffic (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b> See 91



1:25 000

Preuß. Sachs.  
Austria; Czechoslovakia  
1:75 000  
1:200 000  
Poland  
1:100 000

93 Wire netting, wire fence

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000

Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

94 Wooden fence

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>

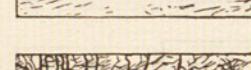


1:25 000

Bad.  
Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

95 Park fence

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000

Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

96 Wall, stone (a).

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000

Austria; Czechoslovakia

1:75 000 } See 93

1:200 000 See 93

Poland

1:100 000 See 93

### Settlements

97 Town with suburb and non-enclosed town areas—with over 30,000 inhabitants (a); over 5,000 inhabitants (b); under 5,000 inhabitants (c)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4416</b>



1:25 000

Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

Austria; Czechoslovakia

1:75 000

1:200 000

Poland

1:100 000

1:300 000

98 Settlement, garden city

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>

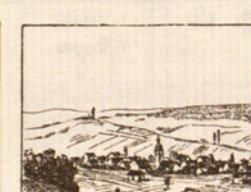


1:25 000

Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

99 Village

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4416</b>



1:25 000

Austria; Czechoslovakia  
1:75 000 } See 93  
1:200 000 } See 93  
Poland  
1:100 000 See 93

Austria; Czechoslovakia  
1:100 000 } See 93  
1:300 000 } See 93

1:75 000

1:200 000

Poland

1:100 000

1:300 000

## Signs on G.S.G.S. maps

## Sketch

## Signs on original maps

### Settlements

100 Hamlet, solitary farm

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	✓
<b>G.S.G.S. 4346</b>	○

Austria; Czechoslovakia 1: 25 000 1: 100 000 1: 300 000	■	□
	□	○
	○	○
Poland 1: 100 000 1: 300 000	□	□
Austria; Czechoslovakia 1: 75 000 1: 200 000 Poland 1: 100 000 1: 300 000	■	□

101 Houses and courtyards—with gardens (a), without gardens (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 102

Preuß. Sachs. Hess. Bay.	1: 25 000	a	b
	1: 100 000	□	□

102 Dwelling houses (a), outbuildings (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	■

Austria; Czechoslovakia 1: 25 000 1: 75 000 1: 200 000 Poland 1: 100 000 1: 300 000	■	□
	□	□
	□	□
	■	□
	□	□
	□	□

103 Manor, demesne

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 102
<b>G.S.G.S. 4346</b>	△

Austria; Czechoslovakia 1: 25 000 1: 100 000 1: 300 000 1: 75 000 1: 200 000 Poland 1: 100 000 1: 300 000	■	Gut. Dom.
	□	Gut. Dom.
	△	△
	■	■
	□	□
	■	■
	□	□

104 Castle, seat

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 102
<b>G.S.G.S. 4346</b>	See 103

Austria; Czechoslovakia 1: 25 000 1: 100 000 1: 300 000 1: 75 000 1: 200 000 Poland 1: 100 000 1: 300 000	■	Schl.
	□	Schl.
	△	△
	■	■
	□	□
	■	■
	□	□

105 Outlying farm, dairy farm, homestead, farm buildings

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 102
<b>G.S.G.S. 4346</b>	△

Austria; Czechoslovakia 1: 25 000 1: 100 000 1: 300 000 1: 75 000 1: 200 000 Poland 1: 100 000 1: 300 000	■	Vn.
	□	Vn.
	△	△
	■	M.H.
	□	M.H.
	■	Fw.
	□	Fw.

### Buildings & Industrial Features

106 Public buildings

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 102

Pr. Sa. Hess. Bad. Austria; Czechoslovakia See 102	■	Vn.
	□	Vn.
	△	△
	■	Vn.

107 Church with steeple—big church (a), small church (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	○
<b>G.S.G.S. 4346</b>	●

Preuß. Sachs. Bay. Bad. Hess. Württ.	■	○
	□	○
	△	○
	■	○

108 Church with two steeples—large church (a), small church (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	See 107
<b>G.S.G.S. 4346—</b>	See 107

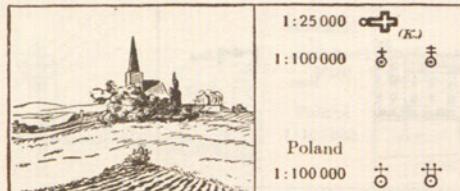
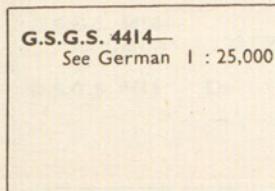
Preuß. Sachs. Bay. Bad. Hess. Württ.	■	○
	□	○
	△	○
	■	○

# Signs on G.S.G.S. maps

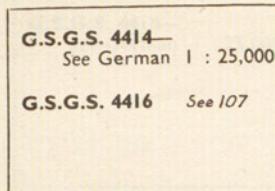
## Sketch.

### Buildings & Industrial Features

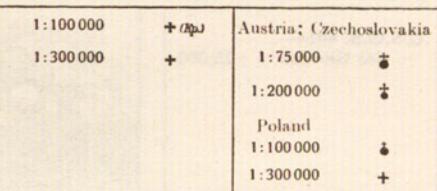
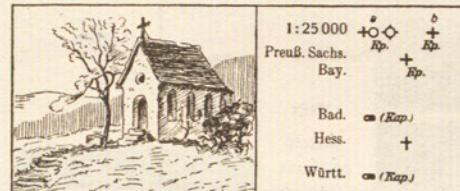
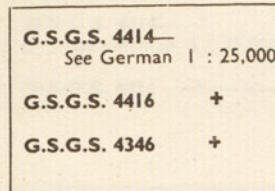
109 Church visible from a great distance



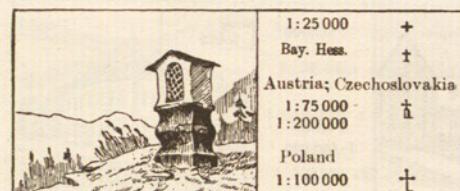
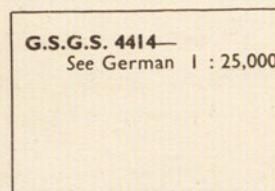
110 Church without steeple



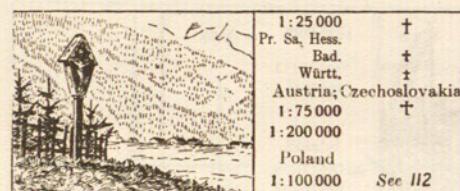
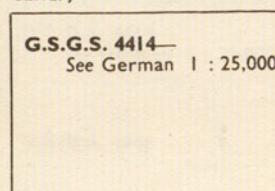
111 Chapel—with steeple (a), without steeple (b)



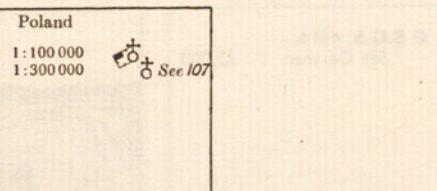
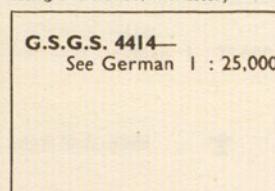
112 Shrine of saint, small field chapel



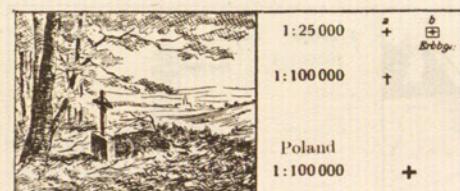
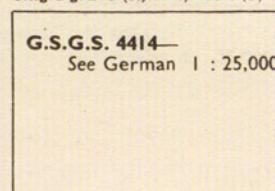
113 Calvary



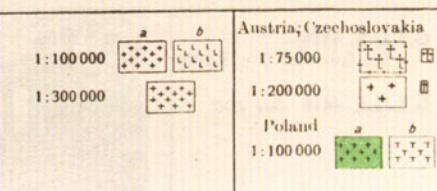
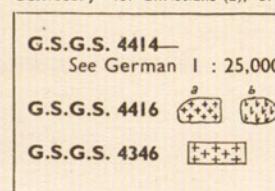
114 Religious house, monastery



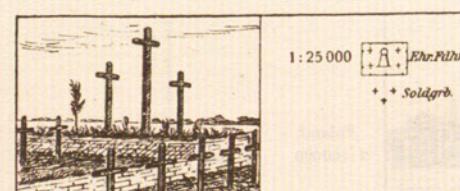
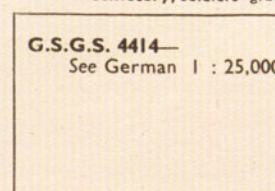
115 Single grave (a), family vault (b)



116 Cemetery—for Christians (a), for non-Christians (b)



117 Soldiers' cemetery, soldiers' graves

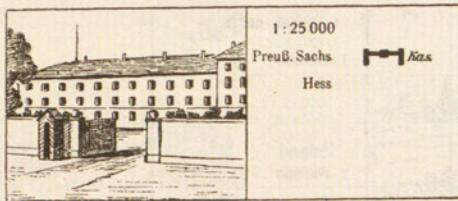


## Signs on G.S.G.S. maps Sketch

### Buildings & Industrial Features

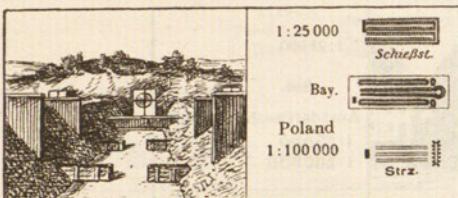
118 Barracks

**G.S.G.S. 4414—**  
See German 1 : 25,000



119 Rifle range

**G.S.G.S. 4414—**  
See German 1 : 25,000



120 Gunpowder store, powder magazine

**G.S.G.S. 4414—**  
See German 1 : 25,000



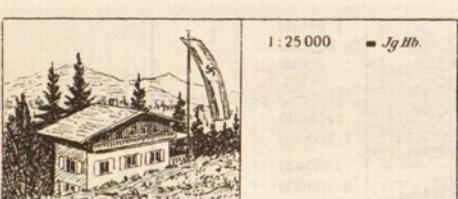
121 School

**G.S.G.S. 4414—**  
See German 1 : 25,000



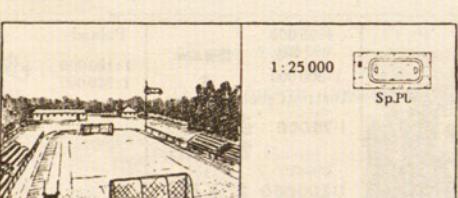
122 Youth hostel

**G.S.G.S. 4414—**  
See German 1 : 25,000



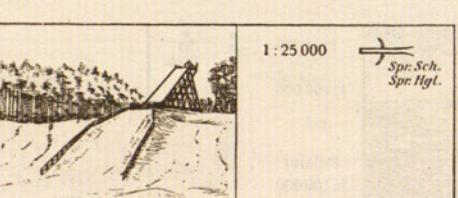
123 Sports Athletic ground

**G.S.G.S. 4414—**  
See German 1 : 25,000



124 Ski-jump

**G.S.G.S. 4414—**  
See German 1 : 25,000



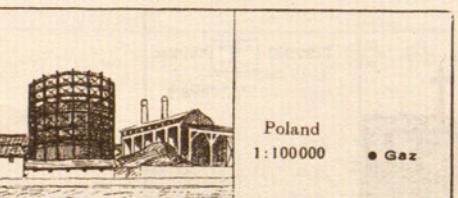
125 Mineral spring (a), medicinal spring, spa (b)

**G.S.G.S. 4414—**  
See German 1 : 25,000



**G.S.G.S. 4416 See 200**

126 Gas-holder, gasometer

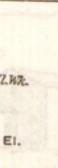


# Signs on G.S.G.S. maps

# Sketches

## Buildings & Industrial Features

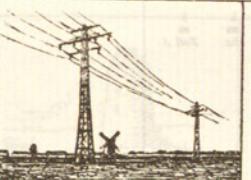
127 Power station

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Württ. Poland 1:100 000	
<b>G.S.G.S. 4416</b> □		Austria; Czechoslovakia 1:75 000 } 1:200 000 }	*Z.L.A.

128 Transformer station

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Hess. Poland 1:100 000	
<b>G.S.G.S. 4416</b>		See 129	

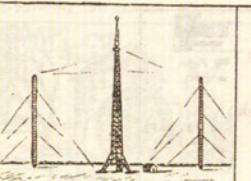
129 Power line, electric high-voltage cable

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000  Hess. Poland 1:100 000	
<b>G.S.G.S. 4416</b> — V —			

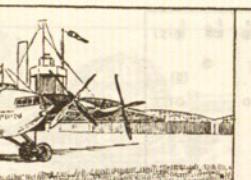
130 Post Office—with (a); without (b); public facilities, telegraph (c); Telephone (d)

<b>G.S.G.S. 4414—</b> See German I : 25,000		Austria; Czechoslovakia 1:75 000 a b c d 1:200 000 a b c d Poland 1:100 000 a b c d	
<b>G.S.G.S. 4416</b>			

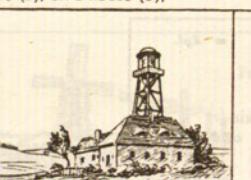
131 W/T station, W/T pylon; Radio Station (a); Aerial Mast (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000 1:100 000 1:300 000	
<b>G.S.G.S. 4346</b> ♀		Poland 1:100 000 (a) R.dj.(b) T	1:300 000

132 Airfield

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000 1:300 000	
<b>G.S.G.S. 4346</b> T		Poland 1:100 000 1:300 000	

133 Aerial navigation lights—standing alone (a); on a house (b).

<b>G.S.G.S. 4414—</b> See German I : 25,000		1:25 000 a 1:100 000	
<b>G.S.G.S. 4346</b>			



# Sketch

## Signs on G.S.G.S. maps

### Buildings & Industrial Features

145 Mill

- G.S.G.S. 4414—  
See German I : 25,000  
G.S.G.S. 4416 } See 146, 149  
G.S.G.S. 4346 }



1:25 000  
Hess.  
Bad.

Mile.

146 Windmill, trestle windmill (a); Dutch mill, (b); Mill visible from a distance (c)

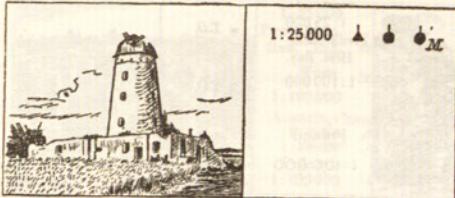
- G.S.G.S. 4414—  
See German I : 25,000  
G.S.G.S. 4416 X  
G.S.G.S. 4346 \*



1:25 000 X<sup>a</sup> O<sup>b</sup> X<sup>c</sup>  
Pr. Sa. He. Bay.  
1:100 000 X X<sup>b</sup>  
1:300 000 X<sup>b</sup>  
Austria; Czechoslovakia  
1:75 000 X<sup>b</sup>  
1:200 000 Poland  
1:100 000 X<sup>b</sup> X<sup>c</sup>  
1:300 000 X<sup>b</sup>

147 Former windmill

- G.S.G.S. 4414—  
See German I : 25,000



1:25 000 A B M

148 Wind-wheel—standing alone (a); on a house (b)

- G.S.G.S. 4414—  
See German I : 25,000  
G.S.G.S. 4416 X



1:25 000 A B  
Pr. Sa. Hess.  
1:100 000 X  
Austria; Czechoslovakia  
1:75 000 X  
1:200 000 X<sup>b</sup>  
Poland  
1:100 000 X

149 Water-mill by dwelling-house (a); in out-building (b); sawmill (c); powder-mill (d)

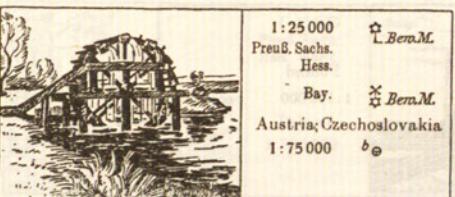
- G.S.G.S. 4414—  
See German I : 25,000  
G.S.G.S. 4416 X  
G.S.G.S. 4346 \*



1:25 000 A B  
Pr. Sa. Hess.  
1:100 000 X  
1:300 000 X  
Austria; Czechoslovakia  
1:75 000 X  
1:200 000 X<sup>c</sup> X<sup>d</sup>  
Poland  
1:100 000 X  
1:300 000 X

150 Irrigation water-wheel; tread-mill (b)

- G.S.G.S. 4414—  
See German I : 25,000  
G.S.G.S. 4416 } See 146  
G.S.G.S. 4346 J



1:25 000 A B  
Preuß. Sachs.  
Hess.  
Bay.  
1:75 000 B

151 Draining windmills, pumping station

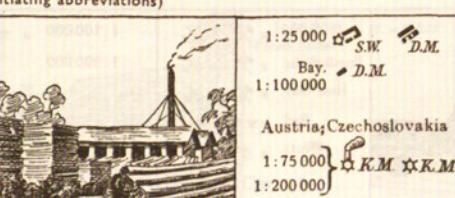
- G.S.G.S. 4414—  
See German I : 25,000



1:25 000 A B  
Preuß. Sachs.  
Hess.  
Bay.  
1:75 000 } See 146  
1:200 000 }  
Poland  
1:100 000 } See 146  
1:300 000 }

152 Steam-mill, hydraulic mill (with differentiating abbreviations)

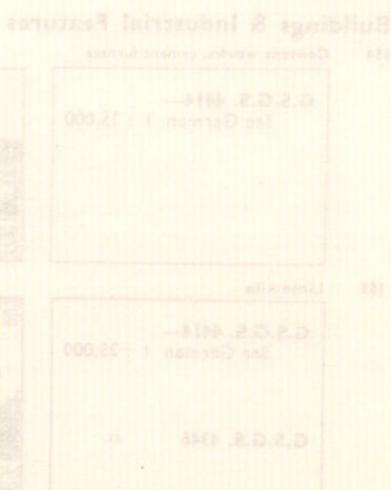
- G.S.G.S. 4414—  
See German I : 25,000



1:25 000 S.W. D.M.  
1:100 000 D.M.  
Austria; Czechoslovakia  
1:75 000 } K.M. X.K.M.  
1:200 000 }

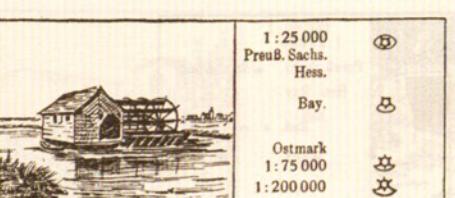
## Sketch

### Signs on original maps



153 Floating mill

- G.S.G.S. 4414—  
See German I : 25,000



1:25 000 A  
Preuß. Sachs.  
Hess.  
Bay.  
1:75 000 B  
1:200 000 B

D.M.	Dampfmühle	1	Ö.M.	Ölmühle	7
D.S.M.	Dampfsägemühle	2	Pap.M.	Papiermühle	8
H.Wk.	Hammerwerk	3	P.M.	Pulvermühle (Bay.)	9
L.M.	Lohmühle	4	S.M.	Sägemühle	10
M.	Mahlmühle (Bay.)	5	S.W.	Sägewerk	11
M.M.	Mahlmühle (Württ.)	6	Sch.M.	Schleifmühle	12

(translations below)

1	Steam mill	7	Oil mill
2	Steam sawmill	8	Paper mill
3	Foundry	9	Powder mill
4	Tannery	10	Sawmill
5	Grinding (flour) mill	11	"
6	"	12	Grinding mill

## Sketch

### Buildings & Industrial Features

### Signs on original maps

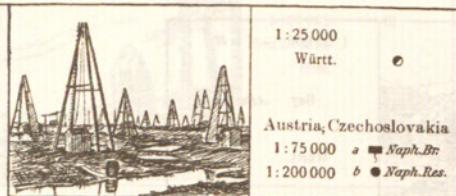
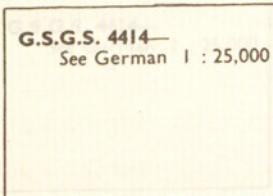
<p><b>154 Cement works, cement furnace</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p>		<p>1:25 000</p> <p>Bay. ■ Z.O.</p> <p>Württ. ▲ Z.O.</p>	
<p><b>155 Lime kiln</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p> <p><b>G.S.G.S. 4346</b> □</p>		<p>1:25 000 ■ K.O.</p> <p>Pr. Sa. Hess. Bay. ▲ K.O.</p> <p>Württ. ▲ K.O.</p> <p>1:100 000 ▲ K.O.</p> <p>1:300 000 ▲</p> <p>Austria; Czechoslovakia 1:75 000 } ▲ K.O.</p> <p>1:200 000 } □ K.O.</p> <p>Poland 1:100 000 ■ Wap.</p>	
<p><b>156 Tar works</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p>		<p>1:25 000 ■ T.O.</p> <p>Preuß. Sachs. □ T.O.</p> <p>Hess. Bay. □ T.O.</p> <p>1:100 000 □ Sm.</p> <p>Poland 1:100 000 □ Sm.</p>	
<p><b>157 Charcoal Kiln (or pile)</b></p>		<p>Poland 1:100 000 □ Sm.</p>	
<p><b>158 Charcoal bed</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p>		<p>1:25 000</p> <p>Württ. ○ KPL.</p>	
<p><b>159 Foundry, ironworks</b></p>		<p>Poland 1:100 000 ■ Ht.</p>	
<p><b>160 Blast furnace</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p>		<p>Austria; Czechoslovakia 1:75 000 ▲ H.O.</p> <p>1:200 000 ▲ K.O.</p> <p>Poland 1:100 000 ■ Wap.</p>	
<p><b>161 Mine—working (a); abandoned (b); open face (a<sub>1</sub>, b<sub>1</sub>)</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p> <p><b>G.S.G.S. 4346</b> ✕</p>		<p>1:25 000 a ✕ b ✕</p> <p>Preuß. Sachs. a ✕ b ✕</p> <p>Hess. Bay. a ✕ b ✕</p> <p>Bad. a ✕ b ✕</p> <p>Württ. a ✕ b ✕</p> <p>1:100 000 a ✕ b ✕</p> <p>1:300 000 ✕</p>	<p>Austria; Czechoslovakia 1:75 000 ✕ Bgr.</p> <p>1:200 000 ✕</p> <p>Poland 1:100 000 a ✕ b ✕</p> <p>1:300 000 ✕</p>
<p><b>162 Adit (a), and shafts (b),</b></p> <p><b>G.S.G.S. 4414—</b> See German I : 25,000</p>		<p>1:25 000</p> <p>Preuß. Sachs. ■ St. ■ Sch.</p> <p>Hess. Bay.</p> <p>Bad. a △ b □</p> <p>Württ. ■</p>	

## Sketch

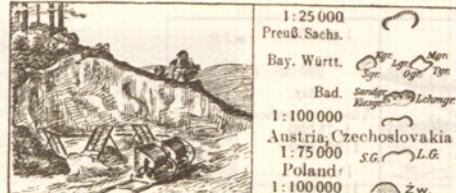
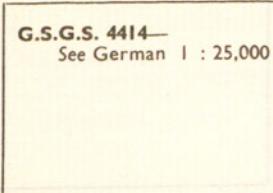
### Signs on G.S.G.S. maps

#### Buildings & Industrial Features

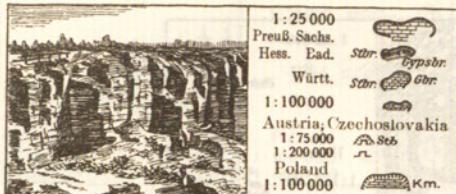
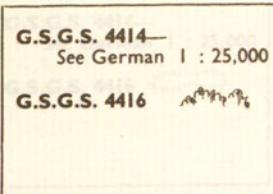
163 Boring, mineral oil well, oil well (a); oil reservoir (b)



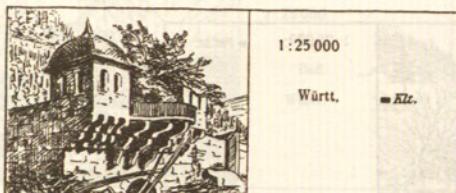
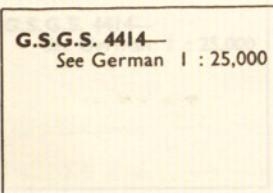
164 Loam (marl, clay)—pit, sand (gravel)—pit



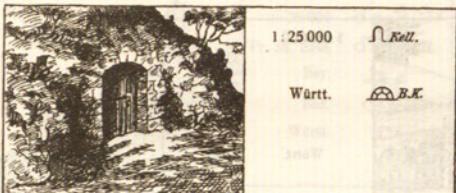
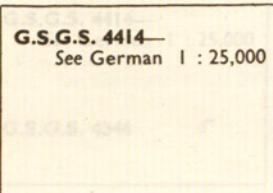
165 Stone (gypsum) quarry



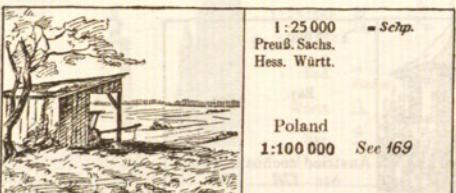
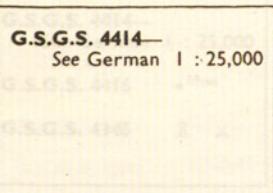
166 Wine press



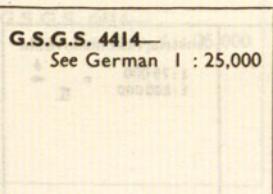
167 Cellar (wine or beer cellar), vaults



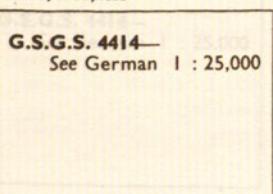
168 Shed



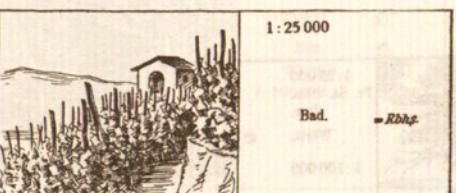
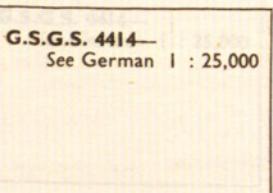
169 Barn, granary



170 Stable, sheepfold



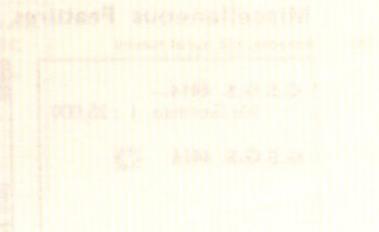
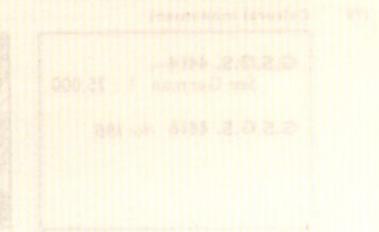
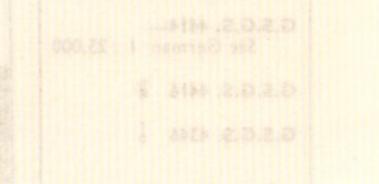
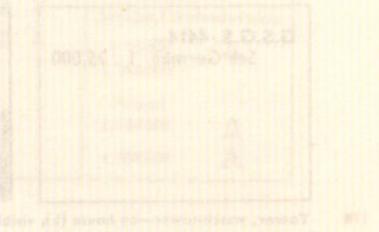
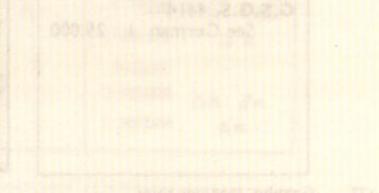
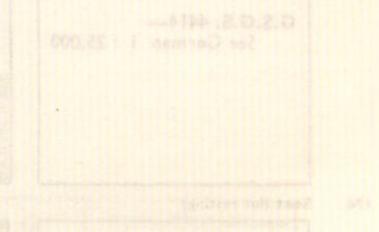
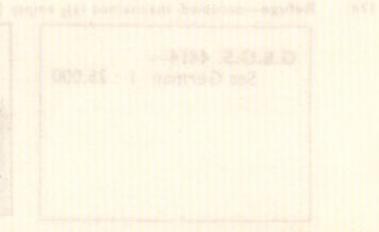
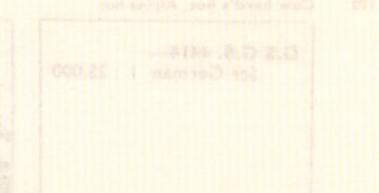
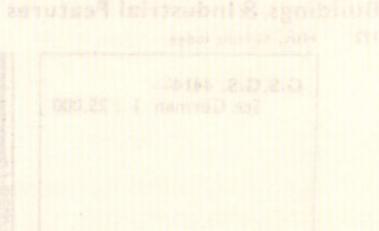
171 Vine-house



## Sketch

### Signs on original maps

#### Buildings & Industrial Features



## Sketch

### Sights on G.S.G.S. maps

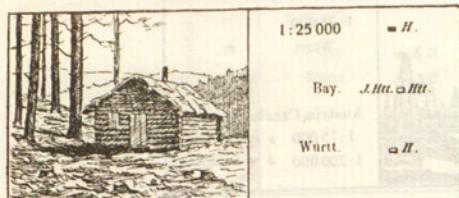
## Sketch

### Sights on original maps

#### Buildings & Industrial Features

172 Hut, hunting lodge

<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ H.
Bay.	J. Htt. □ Htt.
Württ.	□ H.

173 Cow herd's hut, Alpine hut

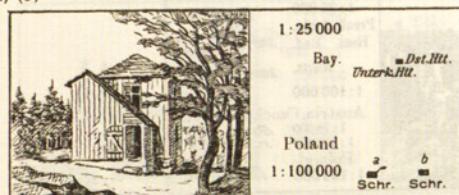
<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ S.H.
Bay.	□ S.H.
Austria; Czechoslovakia	○
1:75 000	△
1:200 000	□
Poland	△
1:100 000	○

174 Refuge—occupied maintained (a); empty (b)

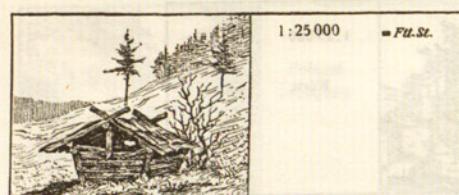
<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ Det. Htt.
Bay.	Unterk. Htt.
Poland	□
1:100 000	Schr. Schr.

175 Fodder stall

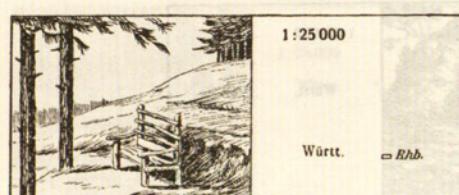
<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ Fz. St.
----------	-----------

176 Seat (for resting)

<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ Rbh.
Württ.	□ Rbh.

177 Gazebo, look-out point

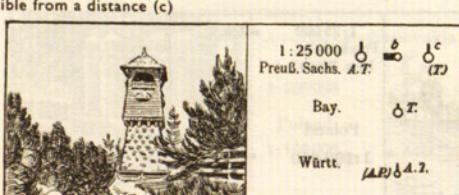
<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	■ Paz.
Austria; Czechoslovakia	○

178 Tower, watch-tower—on house (b); visible from a distance (c)

<b>G.S.G.S. 4414—</b> See German I : 25,000
--



1:25 000	○ A.T.
Preuß. Sachs. A.T.	○ C.
Bay.	○ Z.
Württ.	△ Z.
A.P.R. A.2.	△ A.2.

1:100 000	●
1:300 000	○
Austria; Czechoslovakia	○
1:75 000	●
1:200 000	△

179 Cultural monument

<b>G.S.G.S. 4416 See 186</b>
------------------------------



1:25 000	■ K.D.
Austria; Czechoslovakia	○
1:75 000	○
1:200 000	○
See 186	○
Poland	○
1:100 000	○
1:300 000	○
See 186	○

#### Miscellaneous Features

180 Barrow, old burial mound

<b>G.S.G.S. 4416</b> ☀
------------------------



1:25 000	●
Pr. Sa. Hess.	●
Bay.	●
Württ.	○ Grbg.
1:100 000	○
Poland	○
1:100 000	○

## Signs on G.S.G.S. maps

### Sketch

#### Miscellaneous Features

181 Hun stone (Giant-stone)

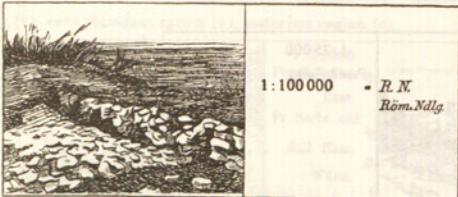
<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000  
Preuß. Sachs.  
Hess.

182 Roman remains

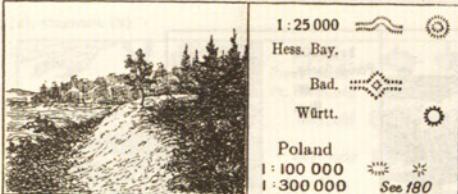
<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:100 000 R.N.  
Röm. Ndlg.

183 Old fieldwork, old rampart

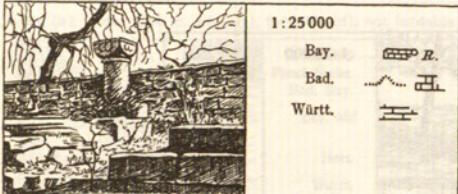
<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000 Hess. Bay.  
Bad. Württ.  
Poland  
1:100 000 See 180  
1:300 000

184 Traces of ruins and field works, remains of walls

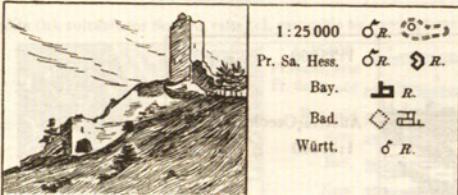
<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000 Bay. Bad. Württ.

185 Ruin

<b>G.S.G.S. 4414—</b>
See German I : 25,000

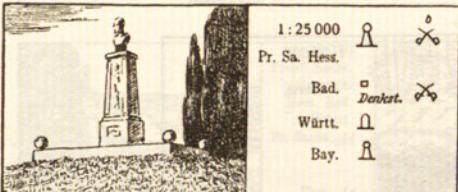


1:25 000 Pr. Sa. Hess. Bay. Bad. Württ.  
1:100 000 R.  
1:300 000 R.

Austria; Czechoslovakia  
1:75 000 R. R.  
1:200 000 R. R.  
Poland  
1:100 000 R. R.  
1:300 000 R. R.

186 Monument (battlefield) (b)

<b>G.S.G.S. 4414—</b>
See German I : 25,000

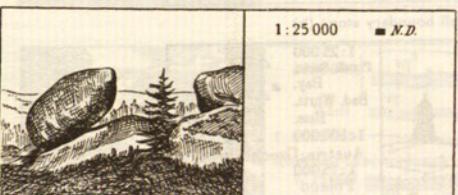


1:25 000 Pr. Sa. Hess. Bad. Württ.  
1:100 000 R. X  
1:300 000 R. X

Austria; Czechoslovakia  
1:75 000 R.  
1:200 000 R.  
Poland  
1:100 000 R.  
1:300 000 R.

187 Natural monument

<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000 ■ N.D.

188 Erratic block (geol.)

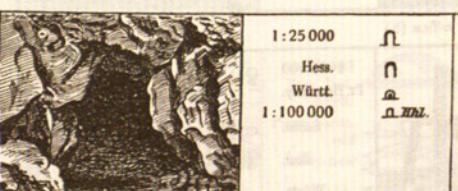
<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000 Preuß. Sachs. Hess.  
■ Err. Block

189 Cave, grotto—with abundant drinking water

<b>G.S.G.S. 4414—</b>
See German I : 25,000



1:25 000 Hess. Württ.  
1:100 000 □ Maz.

## Sketch

## Signs on original maps

1:25 000 Preuß. Sachsen

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

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1:100 000 R. R. R. R.

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1:200 000 R. R. R. R.

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1:300 000 R. R. R. R.

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1:75 000 R. R. R. R.

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1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

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1:300 000 R. R. R. R.

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1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

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1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

1:100 000 R. R. R. R.

1:300 000 R. R. R. R.

1:75 000 R. R. R. R.

1:200 000 R. R. R. R.

## Signs on G.S.G.S. maps Sketch

## Sketch Signs on original maps

### Miscellaneous Features

190 Prominent tree, boundary tree (b)

**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
1:100 000  
Austria; Czechoslovakia  
1:75 000  
Poland  
1:100 000

191 Sign post

**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
Preuß. Sachs.

192 Kilometer stone

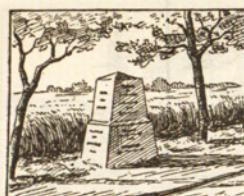
**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
Preuß. Sachs.  
Hess.  
Bay.

193 Milestone (German mile)

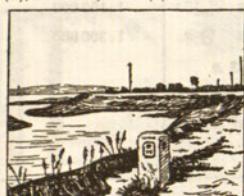
**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
1. Mst.

194 Boundary mark (a), boundary mound (b), boundary tree (c)

**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
1:75 000  
Preuß. Sachs.  
Austria; Czechoslovakia  
1:100 000  
1:100 000  
1:300 000

195 Nationality mark (tall landmark)

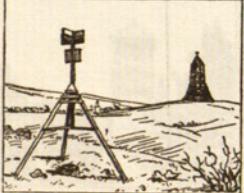
**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
Württ.

196 Trigonometrical point—with (a); without geodetic signal, tall boundary stone (b)

**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
Preuß. Sachs.  
Bad. Württ.  
Hess.  
1:100 000  
Austria; Czechoslovakia  
1:75 000  
Poland  
1:100 000  
1:300 000

197 Bench mark (a); Altitude mark, fixed point (b)—with vista (c)

**G.S.G.S. 4414—**  
See German I : 25,000



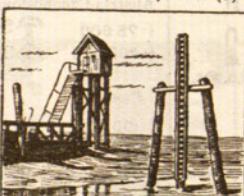
1:25 000  
Pr. Sa. Hess.  
Bay.  
Bad.

1:25 000  
Württ.  
Württ.  
Württ.

Austria; Czechoslovakia  
1:75 000  
a □ 218,5  
b □ 218

198 Water Level Gauge, recording gauge, Survey station, survey office (b)

**G.S.G.S. 4414—**  
See German I : 25,000



1:25 000  
Pr. Hess. Bay.  
Sachs.  
Bad.  
Württ.

## Signs on G.S.G.S. maps

Sketch no angle

## Signs on original maps

### Water Features

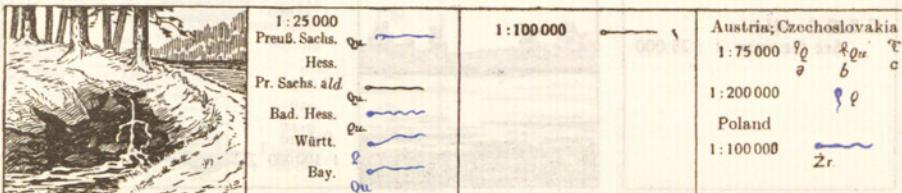
199 Glacier, (See N° 279)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



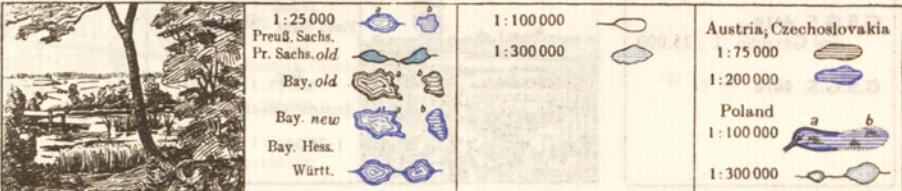
200 Spring, constant drinking-water spring (a); very abundant spring (b); waterless region (c)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	



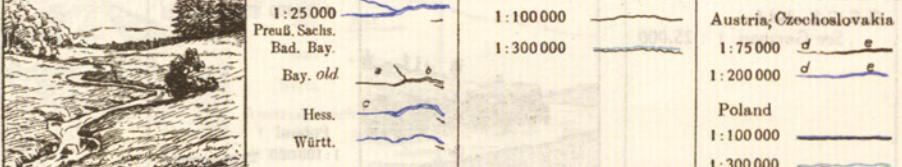
201 Pond, fishpond, pool, slough—running (a); stagnant (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



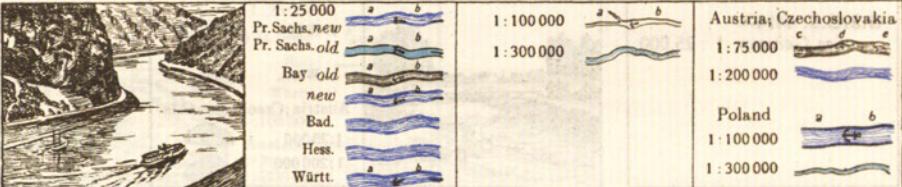
202 Brook, mill-race—under (a); over 2 m. wide (b); under 1.50 m. wide (c), fordable (d); not fordable (e)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



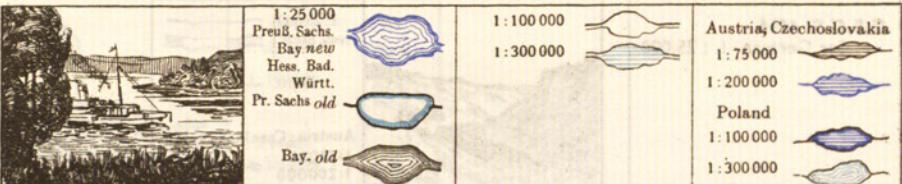
203 River, stream—not navigable (a); navigable (b); suitable for floating rafts (c); navigable by rowing boat (d); navigable by rowing boat only down stream (e)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



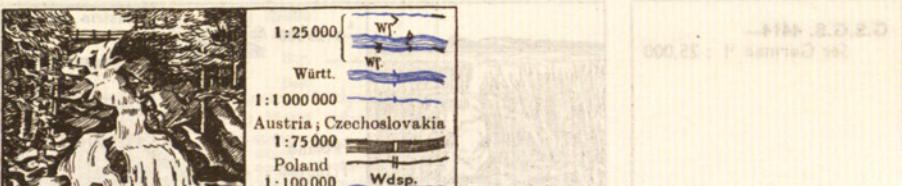
204 Lake, navigable

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



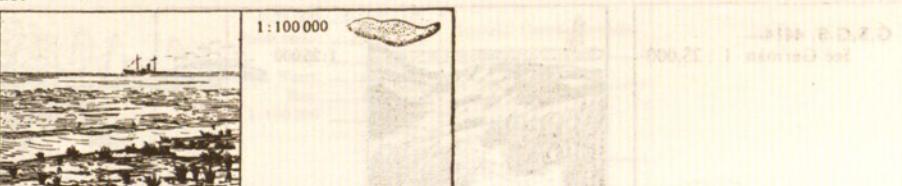
205 Waterfall, rapids (b)

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4416</b>	
<b>G.S.G.S. 4346</b>	



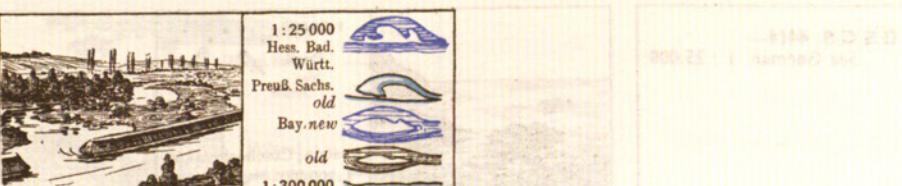
206 Sand or Mud flats under water at high tide

<b>G.S.G.S. 4416</b>	
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207 Old river bed, old channels, oxbow

<b>G.S.G.S. 4414—</b>	See German I : 25,000
<b>G.S.G.S. 4346</b>	



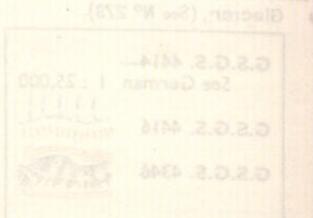
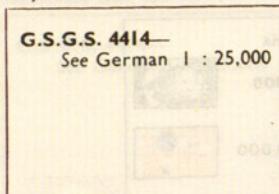
## Sketches

### Signs on G.S.G.S. maps

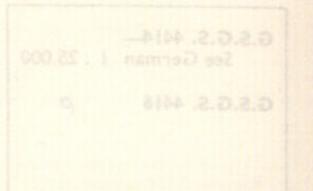
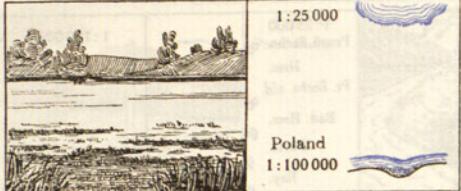
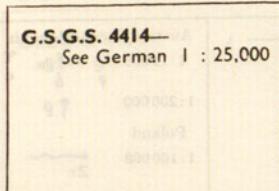
### Signs on original maps

#### Water Features

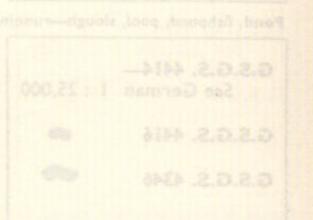
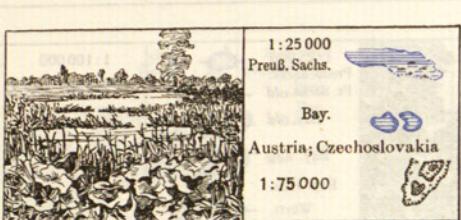
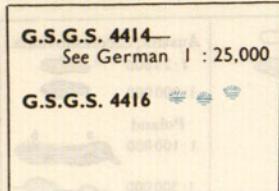
208 Dry river bed



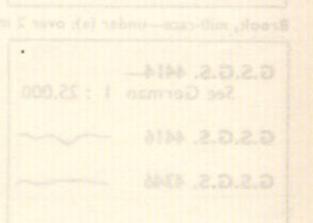
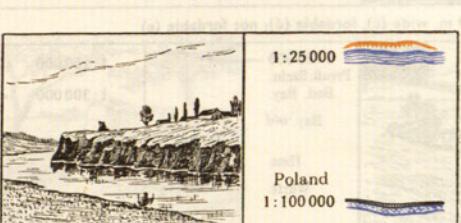
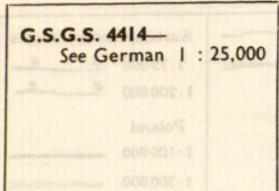
209 Variable shore line, shallows



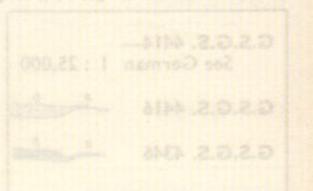
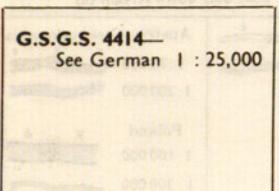
210 Swampy pool



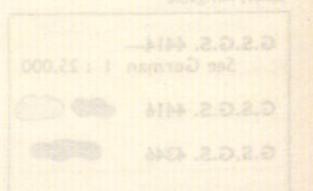
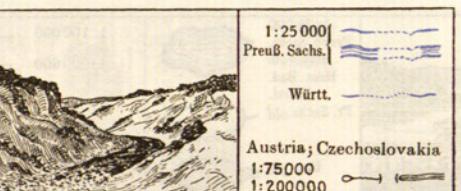
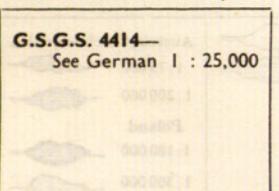
211 Steep bank, high bank



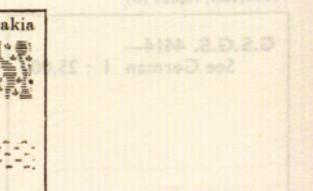
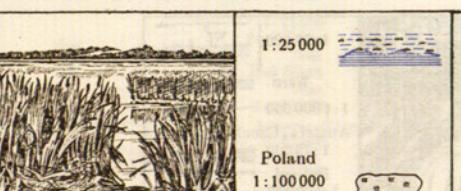
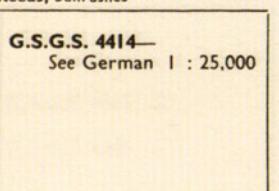
212 Periodically dry lake



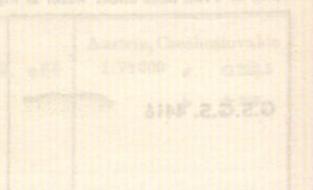
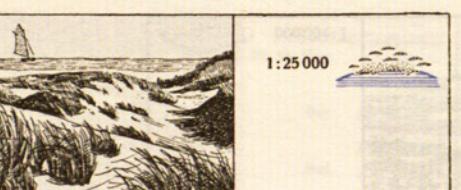
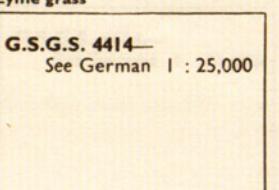
213 Subterranean water course, swallow hole



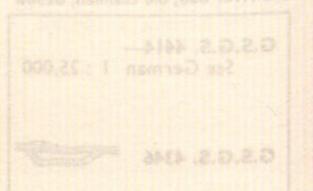
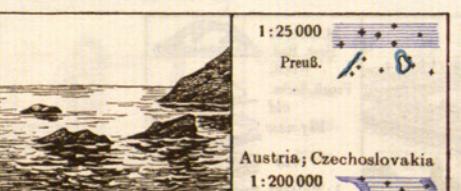
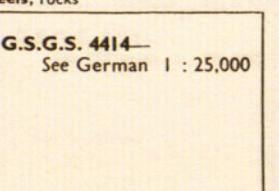
214 Reeds, bullrushes



215 Lyme grass



216 Reefs, rocks



## Sketch

### Sights on G.S.G.S. maps

### Sights on original maps

#### Water Features

217 Island

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**
- G.S.G.S. 4346—**  
See German I : 300,000



1: 25 000	
Preuß. Sachs.	
Bay. old	
Bad. Württ.	
Bay. new	

1: 100 000	
1: 300 000	

Austria; Czechoslovakia	
1: 75 000	
1: 200 000	
Poland	
1: 100 000	
1: 300 000	

218 Pump, with trough

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**  
See 200



1: 25 000	
Preuß. Sachs.	
Bay. old	
new	
Bad.	
Hess.	
Württ.	
Poland	
1: 100 000	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	
1: 100 000	
1: 300 000	

219 Draw-well, bucket-well

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**  
See 200



1: 25 000	
Preuß. Sachs.	
Bad.	
Austria; Czechoslovakia	
1: 75 000	
1: 200 000	
Poland	
1: 100 000	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	

220 Well-house, cistern always holding drinking water (b)

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**



1: 25 000	
Bay.	
Bad.	
Austria; Czechoslovakia	
1: 75 000	
1: 200 000	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	

221 Water tank, reservoir—open (a); covered (b)

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**  
See 220
- G.S.G.S. 4346**  
See 220



1: 25 000	
Pr. Sa. Hess.	
Württ.	
Res.	
1: 100 000	
Austria; Czechoslovakia	
1: 75 000	
1: 200 000	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	

222 Water tower

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4346**  
See 220



1: 25 000	
Pr. Sa. Hess.	
Bad.	
Res.	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	

223 Water conduit, overground (a); underground (b); aqueduct (A)

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**



1: 25 000	
Preuß. Sachs.	
Bay.	
Bad.	
Austria; Czechoslovakia	
1: 75 000	
(c) stone	
(d) wood	
(e) earth	
1: 200 000	

1: 25 000	
000.25	
1: 75 000	
1: 200 000	
Poland	

224 Water-ditch—under (a); over (b); 2 m. (1.50 m.) wide; fordable (c)

- G.S.G.S. 4414—**  
See German I : 25,000
- G.S.G.S. 4416**



1: 25 000	
Preuß. Sachs.	
Bay.	
Bad.	
Hess.	
1: 100 000	

Austria	
Czechoslovakia	
1: 75 000	
1: 200 000	
Poland	
1: 100 000	

225 Culvert, drain

- G.S.G.S. 4414—**  
See German I : 25,000



1: 25 000	
Preuß. Sachs.	
Bay.	
Bad.	

Austria	
Czechoslovakia	
1: 75 000	
1: 200 000	
Poland	
1: 100 000	

## Sketch

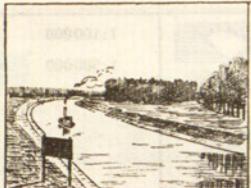
### Signs on G.S.G.S. maps

### Signs on original maps

#### Water Features

226 Canal, fordable (a); not fordable (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



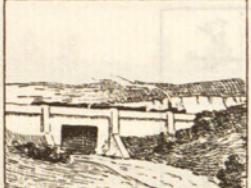
1:25 000	
Preuß. Sachs.	
Bad. Bay.	
Hess. Württ.	

1:100 000	
1:300 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

227 Canal on embankment (a); in cutting (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000	
Preuß. Sachs.	
Hess.	
Bad.	
Württ.	

1:100 000	
1:300 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

228 Groynes of timber (a); of stone (b); of wattle (c)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000	
Bay.	
Württ.	
Austria; Czech.	
1:75 000	
Poland	
1:100 000	

Austria; Czechoslovakia	
1:75 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

229 River-wall—of timber (a); of stone (b); of wattle (c)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000	
Preuß. Sachs.	
Bay.	
Bad.	
Württ.	

Austria; Czechoslovakia	
1:75 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

230 Mole—stone (a); timber (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



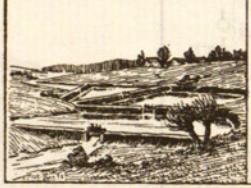
1:25 000	
Preuß. Sachs.	
Bay.	
1:100 000	

Austria; Czechoslovakia	
1:75 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

231 Artificial pond, fish-pond

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



1:25 000	
Preuß. Sachs.	
Bay.	
Austria; Czechoslovakia	
1:75 000	
Poland	
1:100 000	

Austria; Czechoslovakia	
1:75 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

232 Water-collecting basin, channel for floating timber, scour of stone (a); of wood (b)

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



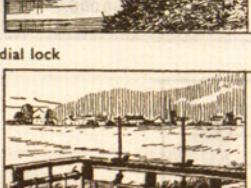
1:25 000	
Bad.	
Württ.	

Austria; Czechoslovakia	
1:75 000	

Austria; Czechoslovakia	
1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

233 Fish-weir

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4346</b>



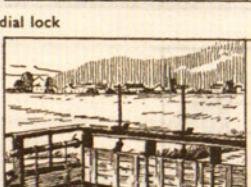
1:25 000	
Württ.	
Austria; Czechoslovakia	

1:75 000	
1:200 000	

1:75 000	
1:200 000	
Poland	
1:100 000	
1:300 000	

234 Retaining sluice, sink, sluice-board, radial lock

<b>G.S.G.S. 4414—</b> See German I : 25,000
<b>G.S.G.S. 4416</b>
<b>G.S.G.S. 4346</b>



1:25 000	
Pr. Sa. Bay.	
Hess.	
Württ.	
1:100 000	

1:75 000	
1:200 000	

1:75 000

## Sketch

### Signs on G.S.G.S. maps

### Signs on original maps

#### Water Features

235 Weir—iron (a); stone (b); timber (c)

**G.S.G.S. 4414—**

See German I : 25,000



1:25 000  
Preuß. Sachs.  
Hess. Bay.  
Bad.  
Württ.

Austria; Czechoslovakia  
1:75 000

1:25 000  
Austria; Czechoslovakia  
1:75 000

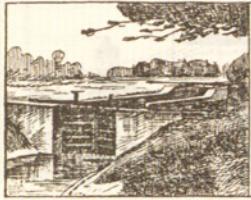
236 Lock—stone (a); timber (b)

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4416**

**G.S.G.S. 4346**



1:25 000  
Pr. Sa. Hess.  
Bay.  
Württ.  
1:100 000  
1:300 000  
Poland  
1:100 000  
1:300 000

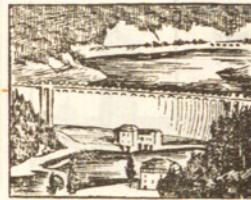
Austria; Czechoslovakia  
1:75 000

1:25 000  
Austria; Czechoslovakia  
1:75 000

237 Barrage, valley dam

**G.S.G.S. 4414—**

See German I : 25,000



1:25 000

Austria; Czechoslovakia

1:25 000

238 Ferry (for passengers)

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4346**



1:25 000  
Pr. Sa. Hess.  
Bay.  
Württ.  
Austria; Czechoslovakia  
1:75 000  
Poland  
1:100 000  
1:300 000

1:25 000

1:25 000

239 Ferry (for wagons), rowing ferry—for vehicles (a); for horses (b)

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4346**

See 238



1:25 000  
Preuß. Sachs.  
Bay.  
Württ.

1:300 000

1:75 000

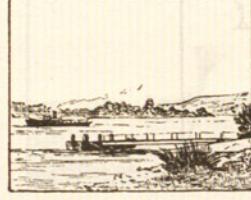
240 Steam ferry, steamship ferry [regular steamship service (b)]

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4346**

See 238



1:25 000  
Preuß. Sachs.  
Hess.  
Austria; Czechoslovakia  
1:75 000  
1:200 000 See 239

1:300 000

1:200 000  
Poland  
1:100 000  
1:300 000

241 Cable ferry, chain ferry

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4346**

See 238



1:25 000  
Bay.  
Württ.  
Austria; Czechoslovakia  
1:200 000 See 239

1:300 000

1:200 000

242 Flying ferry, flying bridge

**G.S.G.S. 4414—**

See German I : 25,000

**G.S.G.S. 4346**

See 238



1:25 000  
Bay.  
Bad.  
Austria; Czechoslovakia  
1:75 000  
1:200 000 See 239

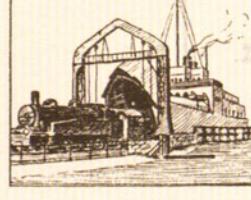
1:300 000

1:200 000

243 Train ferry, steam-boat ferry (steam ferry)

**G.S.G.S. 4414—**

See German I : 25,000



1:25 000  
Austria; Czechoslovakia  
1:75 000  
1:200 000

1:300 000

1:200 000

# Sketch

## Signs on G.S.G.S. maps

# Sketch

## Signs on original maps

### Water Features

244

Landing stage, steamship landing quay, landing stage—for vehicles (a); for pedestrians (b)

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

a  
b

1:25 000  
Preuß. Sachs.

a  
b

1:100 000

Bay.

Austria; Czechoslovakia  
1:75 000 D.St.  
1:200 000 Poland  
1:100 000  
1:300 000 P.z.  
P.z.

245

Depot and loading place

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000 (Lpl.)

246

Anchorage—for small (a), large (b), small sailing (c), rowing (d) boats

**G.S.G.S. 4414—**  
See German 1 : 25,000



Austria; Czechoslovakia

1:75 000

a  
b  
c  
d

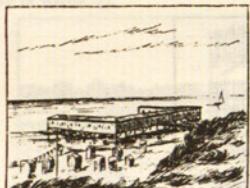
1:200 000

a  
b

247

Bathing resort, sea-bathing resort

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

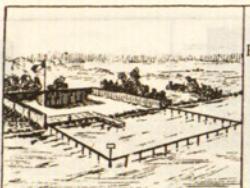
Preuß. Sachs.

(Bath)

248

Bathing establishment, bathing place

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

Preuß. Sachs.

Hess.

Bay.

(Bath)

a  
b

c  
d

e  
f

g  
h

i  
j

k  
l

m  
n

o  
p

q  
r

s  
t

u  
v

w  
x

y  
z

aa  
bb

cc  
dd

ee  
ff

gg  
hh

ii  
jj

kk  
ll

mm  
nn

oo  
pp

qq  
rr

ss  
tt

uu  
vv

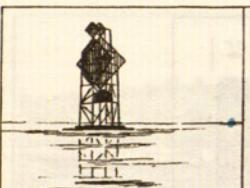
ww  
xx

yy  
zz

249

Navigation signs, beacon, fixed mark

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

Preuß.

(Navigation sign)

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

250

Floating beacon

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

Preuß.

(Beacon)

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

251

Cask, buoy

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:25 000

Preuß. Sachs.

(Cask, buoy)

a

b

c

d

e

f

g

h

i

j

k

252

Beacon light

**G.S.G.S. 4414—**  
See German 1 : 25,000



1:100 000

(Beacon light)

a

b

c

d

e

f

g

h

i

j

k

l

m

n

o

p

q

r

s

t

u

v

w

x

y

z

aa

bb

cc

dd

ee

ff

gg

hh

ii

jj

kk

ll

mm

nn

oo

pp

qq

rr

ss

tt

uu

vv

ww

xx

yy

zz

aa

bb

cc

dd

ee

ff

gg

hh

ii

jj

kk

ll

mm

nn

oo

pp

qq

rr

ss

tt

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vv

ww

xx

yy

zz

aa

bb

cc

dd

ee

ff

gg

hh

ii

jj

kk

ll

mm

nn

oo

pp

qq

rr

ss

tt

uu

vv

ww

xx

yy

zz

aa

bb

cc

dd

ee

ff

gg

hh

ii

jj

kk

ll

mm

nn

oo

pp

qq

rr

ss

tt

uu

vv

ww

xx

yy

zz

aa

bb

cc

dd

ee

ff

gg

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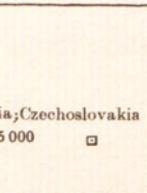
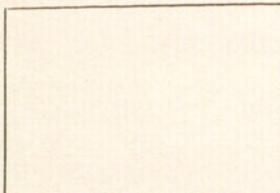
tt

uu

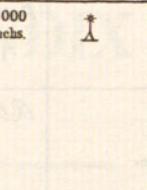
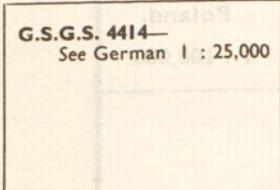
vv

**Signs on G.S.G.S. maps****Sketch****Signs on original maps****Water Features**

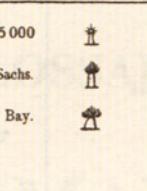
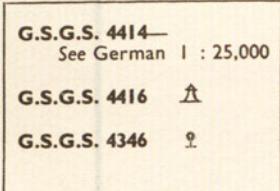
253 Mooring posts, dolphins

Austria; Czechoslovakia  
1:75 000

254 Harbour light

1:25 000  
Preuß. Sachs.

255 Lighthouse



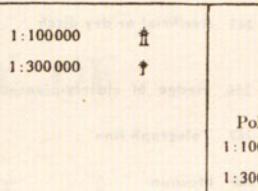
1:25 000



Preuß. Sachs.



Bay.



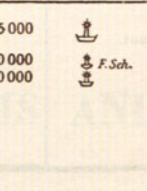
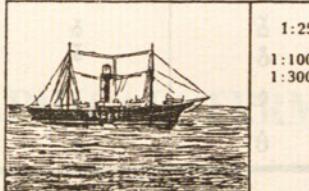
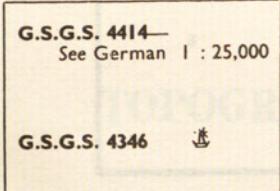
1:100 000



1:300 000

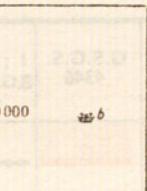
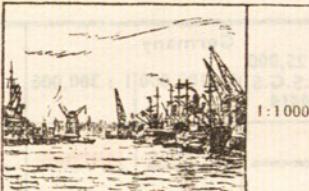
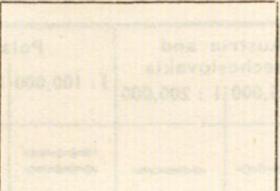
Poland  
1:100 000  
1:300 000

256 Lightship

1:25 000  
1:100 000  
1:300 000

F.Sch.

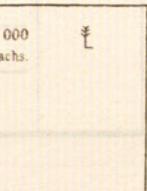
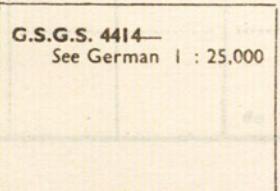
258 Commercial harbour



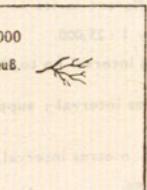
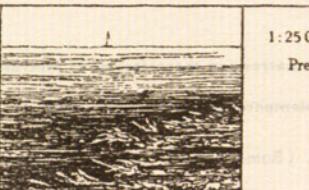
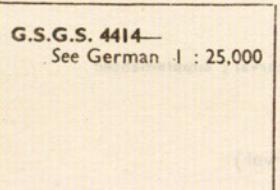
1:1000 000



260 Broom buoys, guiding posts

1:25 000  
Preuß. Sachs.

261 Seaweed

1:25 000  
Preuß.

Preuß.

Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Preuß.



Feature.	Austria and Czechoslovakia. I : 75,000	I : 200,000.	Poland. I : 100,000.
262 Dangerous road bend ... ... ...			
263 Road gradient of 1 in 10 or over ...			
264 Ditch alongside road, etc. ... ...			
265 Artificial or dry ditch ... ... ...			
266 Hedge of closely-planted trees ...			
267 Telegraph line ... ... ...			
268 Mosque } 2 towers.			
269 Synagogue } 1 tower, or without.			
270 Mosque }			
271 Synagogue }			
272 Notice board ... ... ...			
273 Alpine inn ... ... ...			

Boundaries.	G.S.G.S. 4416	G.S.G.S. 4346	I : 25,000 & G.S.G.S. 4414	Germany	Austria and Czechoslovakia	Poland
274 International frontier..	.....	.....	.....	.....	.....	.....
275 Province or minor state boundary..	.....	.....	.....	.....	.....	.....
276 County or district.	.....	.....	.....	.....	.....	.....
277 Parish or commune.	.....	.....	.....	.....	.....	.....
278 Boundary pillars (a); boundary cairn (b).					6a 6b	

279 **Relief** is shown in the following methods by different series :—

**GSGS 4414**—by contours—see Germany I : 25,000.

**G.S.G.S. 4416**—by contours at 10 metres interval up to 50 metres and thereafter at 25 metres interval; supplemented by purple layer tints.

G.S.G.S. 4346—by contours at 100 metres interval; supplemented by purple layer tints.

**Germany I : 25,000**—by contours at 5 metres interval. (Some sheets at 10 metres interval)

... 1 : 100,000—by black hachures.

—by brown hachures.

**Austria and Czechoslovakia** | : 75,000—by black hachures and contours at 100 metres interval.  
| : 200,000—by brown hachures.

**Poland**    I : 100,000—by contours } at various intervals.  
               "      I : 300,000—by contours }

**HEIGHTS** are given in METRES on all these maps.