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The Route Maps of the Korean Peninsula drawn by Japanese Army Officers during 1880s

Abstract

During 1880s, Japanese Imperial Army dispatched young officers to China, Korea and Taiwan for intelligence gathering. Their mission was to prepare geographical handbooks and maps of strategic areas of East Asia, where contemporary Japanese military supposed to debouch. Recently the authors found a series of drafts of maps drawn by these officers at the Library of Congress in Washington, D.C. In this presentation, we give an outline of this series of draft and examine their activities in field survey. Cartographic features of these drafts are also the target of the analysis.

Most of the drafts are maps on middle scale (1: 100,000 or 1: 200,000) and describe main routes of Korea, which connect central places. The officers found bearings with compass and measured the distance by pace. The results were recorded on plotting papers. Among them, *Chosen zen zu* (A complete map of Korea, 1: 1,000,000) is remarkable because it is an index map of the routes which the officers surveyed.

Chosen Hanto niju man bun no ichi zu (Maps of Korea on a scale of 1:200,000) were compiled from these drafts up to 1894 and distributed to the military units at the Sino-Japanese War (1894-1895). We confirmed that the Emperor *Meiji* also had perused this kind map according to those left in a collection of the National Institute for Defense Studies of Japan.

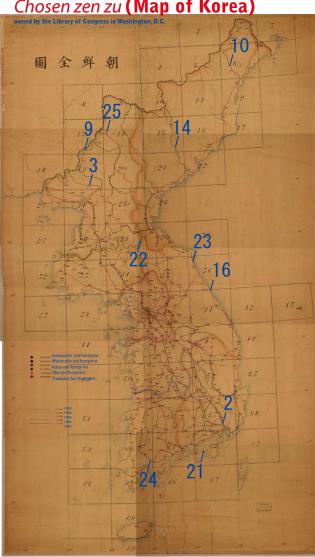


The Route Maps of the Korean Peninsula drawn by Japanese Army Officers during 1880s

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Chosen zen zu (Map of Korea)



Kankoku zenzu : Isobayashi Taii ika rokumei, Meiji 16-nen yori 21-nen itaru ashiato shiteizu G7900 1887 .K3 Vault Geography & Map Reading Room (Madison, LMB01) 113.0×67.0cm

An Index Map of the Korean Peninsula at a scale of 1:200,000

- The numbers in "Chosen zen zu"are different from those in this map
- This new numbers for this map are written in pencil in "Chosen zen zu"
- This map was made about 1894 when "Kasei toa yochizu" was printed
- Emperor Meiji also perused this kind of map, which is now part of "Chiyoda collection" of the National Institute for Defense Studies of Japan





1. Aim of this presentation

- To give an outline of a series of drafts that Japanese Imperial Army drew during 1880s
- To examine their activities in field survey

2. Background of "Chosen zen zu"

During 1880s: Japanese Imperial Army dispatched young officers to China, Korea and Taiwan for intelligence gathering

Their mission: to prepare geographical handbooks and maps of strategic areas of East Asia After the Imo Incident(1882):

Japanese officers could survey inside the Korean Peninsula

Table 1 Maps of Korea before 1883

title in English	also (length x leteral)		created year /publishe d year(n Japan)	scale	Surveyor	Rank of Author/ Creatur/ Surveyor	index number in LO 80 = noit(5 ep/00) 50 = new (6 ar/11/05)
Road from Chemulpo (Inchon) to Hansong (Seoul)	423×152			40,000			97904 M78 188532 Vaul
Mouth Changpo River,between Chungchong-do and Cholla-do :Okku Bay,Cholla-do :Chongsu Bay,Chungchong-do	S6.7 × 1S6.4 Section on Imag	1878	Maji11		Kaizu	incinnant	67902.C41878
Mouth Changpo River,between Chungchong-do and Cholla-do	66.2 × 62.4	Ī	Majitt			instand Instantant	
Okku Bay,Cholla-do	40.6 × 42.0	1	Majil 1	28,800		oresend Implement	
Chongsu Bay,Chungchong-do	510×333	1	Majitt	60,000		onsend Instrument	
Brief map of the Asan River (and Asan Bay between Kyon ggi-do and Chungchong-do present Chungchong-namdo)	893×853	1879	Maji12. May	30,000	Kaizu	fired Smulmmanni	G7902A7.1879
Brief map of the Injin River (from Changdan-bu, Kyong gi-do, to north of Injin River)	61 0 × 66 0	1882	MajitS	40,000	Isobayashi		G7902 IS 1892 J2 ?
Brief map of the Injin River (from Changdan-bu, Kyong gi-do, to north of Injin River)	54.5 × 50.4	18823		40,000	Isobayashi		G7902 IS 1882 J1
Road from Inchon(Chemulpo)to Hansong(Seoul)	59.8 × 97.3	1882		20,000	Setoguchi Isobayashi Fukushima Kikuchi	fire). Implement	97904 IST 1882 JSVault
	595×87		MajitS				97904 (17 1882 JSVault
Road from Sihung-hyon (Kyonggi-do) to Inchon	603 × 106.0	1882	MajitS	20,000	Takeda	military language solvest student	07904 K478 1882 T2Nwa

"Road from Inchon to Hansong" (part)



3. Research at the Library of Congress, USA

About: a series of drafts of maps drawn by Japanese officers at the Geography & Map Reading Room of the LC in Washington, D.C.

Dates: Mar.2-10,2008 Sep.22-0ct.4,2008 Mar.3-13,2009 Cartographic features:

- Proutes; positions and sizes of villages; the topography
- compass bearings distances paced out
- (1) Road maps: at medium scale (1:100,000 or 1:200,000)
- (2) Area maps: at large scale $(1:2,000 \sim)$
- (3) Brief maps

4. Analysis of "Chosen zen zu"

- An index map of the routes which 6 officers surveyed
- A map of Korea, at a scale of 1: 1,000,000 (in 69 sections)
- Surveyors and years indicates by colors and types of line
- Compilation of almost medium scale road maps

5. Conclusion

- A lot of topographical information was given in a series of drafts
- The survey in Korea by Japanese Imperial Army was begun earlier than generally believed
- These maps were distributed to the military units during the Sino-Japanese War (1894-1895)





Table 2 Maps of Korea in 1883-1887

A.C	title in English	sks (kngth × latera)	created year/pu blahed year	year /publishe d year(s	scale	Surveyor	Author/ Creator/ Surveyor	80 -new (8 ar/11/09)
			,	Japan)			L.	
	Map of Korea	113.0×670					_	G7900 1887 K3 Vault
2	The Chwado Road, Kyonsang-do		1883	Majire		Watanabe	fire) Implement	G7903 KSP2 1883 G7903 PSRP2 1883 TH
	Korea map from Uiju to	LC23×32		Mejitti, August	200,000	Kaizu	-	GP903 PG8P2 1883 TV YeaR STRON PG8P2 1883 TVI V. A
	kyongsong(Seoul)	603×524	1					
		LOS7×40	1					G7903.PSBP2 1883.IS
		62×62.5	1					G7903 PS853 1883 VS
3		45.1×71.6	1					Yest 07903/PSBP2 1883 05 Vaul
		65.3×71.8 84.5×58.1	i					G7903 KBP2 1883 K31
	Road from Pyongyang to Kyongsong	24.4×27	1					07901.P2 188-
	ribad nom r yongyang to nyongaong	993×433	i					\$7903 XXP2 1883 X31Vevi
	Wonsan harber and settlement.	420×64.0	1	Mejité.	2.000	Kaizu	s aplain	G7907, W6 1883 K3 Vault
4	Hangyong-do			June	-,			
5	Korea map of road from Wonsan to	343×960	1	Mejitti. Mey	40.000	Kaizu	coprisin	G7908 HI 1883 K31 Vaul
9	Munchon-gun,Hamgyong-do							
6	Korea map of road from settlement	270×650	1	Mejitti. Mev	40,000	Kaizu	- aprison	G79081HJ 1883 X3 Vaul
0	Wonsan to Yongiwon Hamgyong-do	G. G. W. C v 11110	l	Mosts.				1794 C279 1991 W V V
7	Area west of Seoul , including	54-16-363(X 1330)		Septembe	40,000	Isobayashi		G79043478 TERSES VALIS
	Chemulpo, Kimpo , etc.1883	525×415	1	Meide	00.000		- motors	G2905 P9 1882 B
	Pyongyang Korea Road map.Himgyong-do and	130.0 × 103.0	1884	Meiit?	200,000	Isobayashi	- models	GENERAL HER DA VANS
9	Pvongan-do, Korea1884		1884	Neventer	200,000	UKA		Oversion
	Road in Hangyong-do	782×654 108	1	Majd?	200.000	Kaizu	coprison	G7908 H2 1884 K3 Vault
10		x 15.2 85.2 × 58.7		mejit 6				G7908, H2 1884 K21 Vault
11	Road from Mapo to Mansu Kyonggi-do	85.2×58.7 32.0×120.0		Maje 2.	40.000	Isobayashi	- April 100	\$7908, H39/3 1883,J1 7904,S478,3M3,1894,B2
-	Mapo	533×363	1	Outsiden Mexicol I	40,000	Isobayashi	anders	Vault G2904 S479: SM3 1884 SE
12	mapo			Saptembe	10,000	isobayasııı		
13	Japanese settlement in Chemulpo	385×505		Majit 7		Isobayashi	- reprisein	G7904 137 1884 B
	Road from Pukchong to	NEX 64.5	1885	Mejitik, Ovloder	200,000	Oka	- aprison	G7908 HZ 1885.051 VwJt.
14	Chungnyongin, in Hamgyong-do and							
\vdash	Pyongan-do Korea	865×365		Majitik.	200.000		-	G/908 Hd 1885 OS
15	Overview-from the settlement to			Outsiden	200,000	UKA		
-	Chongpyong-bu, Hamggong-do the Yo-hae(river-sea)cort to and	178.5×17.8(77.8×		Majita	100.000	Kaimi	- may fact on	G7903 K3.1886 K3
10	from Kangwon-do	565777×510772 ×510 772×1445/772×						
10			1					G7903 K3.1886 K3
-	Road from Chongot Bridge to	×20 525×770	1	Mejitik.	20,000	W 1	- motors	G7904.5479.1885.K3 Vaux
17	Kwangiu, via Songpa-Chin and via			June	20,000	Kaizu		
l''	kwangiin, Kyonggi-do							
	Road from Chemulpo to Sokchonwon.	eka × 76.5	1	Majd S.	20.000	Kaizu	captain	G29043271885.K31Vault
18	Kyongai-do			May				
19	Chemulpo the cemetery area	20.8 × 26.9	1	Mejitik,	2,000		- aprison	G7904 137 1885 K3
	Plan of the settlement at	503×585	1	Majorik.		Kaizu	coprises:	G7904337 1994P6: Vw/It
20	Chemulpo,1884							
	Road map to Kyongsong from Pusan	458×742	1886	Mejillis, Mey Mejillis,		Miura	- springer	G7901.P2 1896,22
	to Chwasuyong Cholla-do	710×542	1	Mejit S.				G7901 P2 1899 J.
		75.3×54.2	1	May Majd 9,				i
21		525×762	1	Majits.				j
		150×542		Mairie				Į.
		777×542		And a				
				Mejits. Auril				
22	Road map, from Kyongsong(Seoul)to	187×51 180×500	1	Majirs	200,000	Oka	-aprison	G7903 KS 1885 C0 Vault
22	Wonsan, Hamgyong-namdo	182×510 182×502	ł					
23	Road from Anbyon Pref, Hongyon-do	174×509 12×403 12×503	1	Maj 29	200,000	Oka	captain	G7903 K3 1899 D3
23	to Kyongsong		Щ				_	1
	Korea(south)-Road from	285×600 285×600	1887	Meji20, Mey	200,000	Tsukada	fired Insulant and	G7901 P2 1897 J1 G7901 P2 1897 J1
24	Sunchon,cholla-do, via	603×415 293×600	1					
	Taegn,Kyongsang-do, to	603×360 563×465	l	Maide				20110 SC001 10112
25	Road from Pyongyang to	562×400	i	umpulo	200,000	Miura	_	G7908 P58P2 1887M5 G7906 H2 1887 M5
25	anguage and generally and	663×400 403×400	1					G2906.H2 1892 MS1 G2906.H2 1892 MS2 G2900 K2P2 S40 MS
	Road man of the Kuppersons (Seoul)	29.7 × 51.4		Meji20,	100 000			