Before concluding my address, I want to add, with my proud, that my team members have worked hard in the project area, with well-standing desciplines and keeping good public relations, friendship and courtesy to the peoples of the region. This could only be done with the good partnership of BCGS Counterpart directed by Commodore Ventura and also with the coordination of Northern Command, commanded by B. Gen. Gattan and the 2nd Regional Command, commanded by B.Gen. Custodio and they looked after our safety.

Thank You and Salamat Po!

( at the Hall of Flags, MOND, Feb. 24th, 1982 )

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# REMARKS TO BE DELIVERED BY AMBAS: HIDEHO TANAKA ON THE TURN-OVER CEREMONY OF ORTHO-PHOTO MAPS OF CAGAYAN VALLEY ON WEDNESDAY, 24 FEBRUARY 1982 AT CAMP AGUINALDO

way install the same with the

His Excellency Juan Ponce Enrile, Minister of National Defence, Commodore Ventura of the Bureau of Coast & Geodetic Survey, Staff of the Ministry of National Defence, Members of the JICA Study Team, Ladies and Gentlemen:

It is indeed a great pleasure and honor for me to participate in this turn-over ceremony of the Ortho-photo Maps of the Cagayan Valley.

Cagayan Valley Topographic Mapping Project prepares the topographic maps which is the most important basic information for aerial and social development planning as well as the transfer of the mapping technology to the staff of the Philippine Government who work on this project.

Cagayan River Basin is blessed with natural resources and is highly determined to develop. Therefore, the Japanese Government has been in full cooperation with the Philippine Government in implementing the JICA-based Cagayan Integrated Agricultural Development Project, the feasibility study of the Matuno River Dam Irrigation and Generation Project, the feasibility study of Port Irene and the OECF-based Cagayan Valley Electrification Project. Further, we may recall the Philippine-Japan Friendship Highway Project which runs from Cagayan to the extreme southern end of this country.

We are quite sure that these maps which cover 11,200 KM<sup>2</sup> of the Cagayan Valley and scale of 1/25,000 will be completed in March of next year and will be useful to the further development of the region.

The Ortho-photo maps which cover Tuguegarao, Casamblangan, Gonzaga and Ilagan in the Cagayan Valley are the fruits of this three-year works. They can provide much information not only topographical characteristics but also land use pattern.

May I have the honor now to present these ortho-photo maps as well as the eight (8) vehicles which were used by the study team for field survey.

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Finally, I would like to express my best hope for the development and success of the Cagayan Valley.

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Thank you.

## BRIEF STATEMENT BY HOMORABLE JUAN PONCE ENRILE, MINISTER OF NATIONAL DEFENSE

ON THE OCCASION OF THE TURN-OVER OF ORTHO PHOTO MAPS
BY THE JAPANESE GOVERNMENT TO THE REPUBLIC OF THE PHILIPPINES

Mr. Ambassador, on behalf of the Republic of the Philippines, I should like to express our deep appreciation for the assistance which the Japanese Government has extended to our country. We fully recognize the untiring efforts and utmost cooperation in the production of large-scale topographic mans of a significant area in our country. The Cagayan River Valley has been identified by our top national economic bodies as among the most depressed areas of the region. It is our hope that these large-scale maps which will be the eventual products of this cooperative mapping program between the Japanese Government and the Republic of the Fhilippines will lead to agricultural and industrial progress in the area, and the integrated development in the region. more personal note, I should like to express, on my own behalf, my profound gratitude for your endeavor, since it is no secretthat I personally come from that region. It is perhaps understandable that I harber comforting thoughts, when in future years, looking over the green valleys and lush countrysides of the Cagayan Valley, that I have in a modest way contributed to the advancement and progress of the region.

It is with this thoughts in mind, Mr. Ambassador, that I am deeply honored to accept these ortho photo maps from the Japanese Government as the initial product of this cooperative mapping effort between your government and the Republic of the Phlippines. I should like to reiterate, on behalf of the Republic of the Philippines, and on my own behalf, our profound gratitude for this gesture of cooperation that should contribute to understanding and goodwill between our two countries.

JUAN PONCE ENRILE
Minister of National Defense

#### Ministry of National Defense BUREAU OF COAST & GEODETIC SURVEY Manila, Philippines

November 26, 1982 Tokyo, JAPAN

Japan International Cooperation Agency Tokyo, JAPAN

sir -

The color proofs of the seventy-two (72) topographic maps sheets of Cagayan Valley prepared under the technical assistance provided by the Government of Japan to the Republic of the Philippines, have been checked by me with the assistance of my staff.

The map proofs were found to be complete and conform to our agreed specifications. These maps were likewise found to be of high quality and to meet international standards. With these findings, I now approve, on behalf of the Philippine Government, the final press printing of the topographic maps.

I would like to extend my government's profound gratitude to the Japanese government in initiating the preparation of the topographic maps of Cagayan Valley. These maps will be utilized as basic tools in the socio-economic development of this depressed area. Again our sincere appreciation for your most valuable aid and may your government continue its assistance to developing Asian countries.

Respectfully yours,

ag salti

Antonio P. Ventura, Commodore, BCGS (Ret.)

Director

Bureau of Coast and Geodetic Survey

#### Ministry of National Defense BUREAU OF COAST & GEODETIC SURVEY Manila, Philippines

November 26, 1982 Tokyo, JAPAN

Mr. Shigehiko Shino Team Leader JICA Cagayan Valley Mapping Project International Engineering Consultants Association Tokyo, JAPAN

#### Subject: Cagayan Valley Topographic Mapping

The color proofs of the seventy-two (72) topographic maps of the Cagayan Valley, which your Association has prepared under the technical assistance provided by the Government of Japan to the Republic of the Philippines, have been checked by me with the assistance of my staff.

The maps have been found to meet our specifications as to construction, plotting, cartography, color and overall presentation. We appreciate your acceptance of our proposal to decrease the screen density of the symbol for "Swamp/Marsh and Nipa " from 30% (D120 45 30) to 20% (D120 75 20) and also the inclusion for the symbol of "Steep Slope". These changes have improved our map specifications and have better presented the typical topographic as well as geomorphological features of Philippine river basins—such as the Cagayan Valley Area.

Having finished the checking and inspection of the proofs, I hereby grant authority, on behalf of the Philippine Government, to your association to proceed with the press printing of the topographic maps. We look forward to the turn-over to our Government of the printed maps in the early part of 1983.

May I now take this opportunity to thank the Government of Japan and the Japan International Cooperation Agency for the generous technical assistance extended to my government. Likewise I would like to extend our appreciation to your association for producing high quality maps which meet international standards.

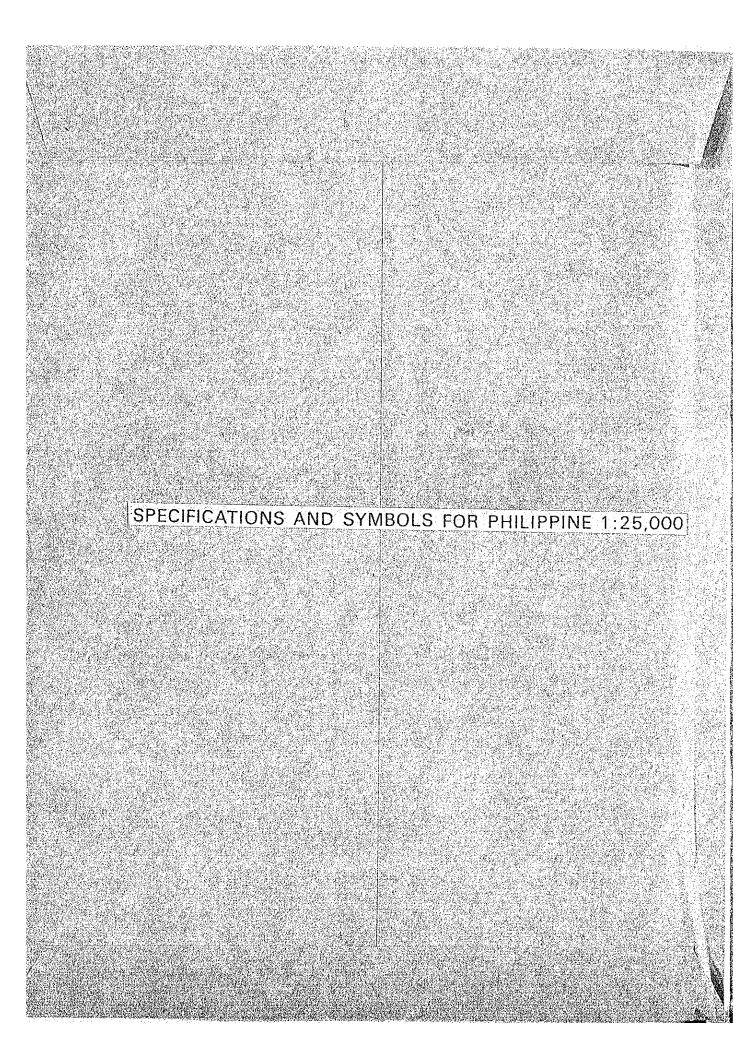
These maps that you have toiled on for five (5) years will surely help speed up the socio-economic development of the Cagayan Valley.

Respectfully Yours,

Antonio P. Ventura, Commodore, BCGS (Ret.)

Director

Bureau of Coast and Geodetic Survey



### \*SPECIFICATIONS AND SYMBOLS FOR PHILIPPINE 1:25,000 NA

CONTROL POINT	RAILWAY FEA	ATURES	BRIDGES	WATER and ASSOCIA	
Horizontal Control Station 0.2 /2	os National Railway	1.0 8.0 1.0 8.0 0.3 Single Track Double Track	橋	Rail Small 1.5 0.2	Pier - Jetty
	ns private Railway	Single Track Double Track	Bridge	Road Small	ந்த்த Breakwater
Bpot Height 0.4	A5 建設中の鉄道 Under Construction	Nat 1.0 0.3 Pri 1.0 0.2		Ford	<sup>波止場</sup> Wharf
	平面文差 Level Crossing	***	Small Bridge / Culvert	1,0	River/Stream का Single Line
BOUNDARIES	立体交差 Overpass	0,2	Ferry / Ford	fig ferry for food 0.2	றா Double Line
National Boundary 0.5	立体交差 Underpass	***	## Drawbridge	0,4 or 0.6 жизнестностностностностностностностностностно	ตุลออักจาก Intermittent
Regional Boundary 25 05	Railway Station	Nat. 1.020 Pri 2.0			不明度な河川 Indefinite
Provincial Boundary	olo : 10 os Tunnel	1.0 1.0 0.5 Tunnel 0.2	MISCELLANEOUS LANDM	IARK FEATURES	流水方向 Flow Arrow
	i.0		Storage Tank 👼 >> ク (Other Than Water)	1.0 001 0.2	Falls Double Line Stream
Barangay Boundary -25 05	BUILDIN	IGS	度实 培 無線塔 Chimney,Tower,Radio Tower	0.5 Tower	Single Line Stream
	<sup>報描建物</sup> Built Up Areas	0.1	<u> 風車・風カポンプ</u> <b>Windmill / Windpump</b>	1.0 1.0- <u>Y</u> 2.0 0.2	<sup>8流</sup> Rapids
ROAD CLASSIFICATIONS	<sup>独立維物</sup> Building		Mine	20 × 02	#戸 Well
<sup>分離帯等を有する道路</sup> Divided Highway/Expressway ○②	主要建物 Inportant Building	1.0 12::0.8	R穴 Cave	0.5 	\$pring
Pai Sealed 0.15	5 0.6 Church Mission	1.0 2::10	Airport / Aerodrome	0.3 0.2 3.5	Dam
National Highway	3	1.0	<sup>沸走路</sup> Airfield	2.0 - 1 - 2.5 0.3 1.0 0.3	∉≱ Weir
Earth	2]	■H	শুৰুদ্ধ Power Transmission Line	8.0 0.3 0.1	東河 事本語 Channel / Canal
州道 Scaled control outside state of the stat	30, 0.15 6pt. 学校 School	0.5 - 1.0	Wall / Fence	0.1	<sup>用奶水路</sup> Ditch
Provincial Road Gravel	Police-station	≈ PS	パイプライン 送水管 Pipeline / Water Pipeline	Pipeline 0.2	湖·池·水连線 Lake/Pond/Shore - Line



## OLS FOR PHILIPPINE 1:25,000 NATIONAL TOPOGRAPHIC MAP★

BRIDGES		WATER and ASSOCIATED FEATURES		VEGETATION		CONTOURS	
	Rail 10 Small 0.2	Pier - Jetty	<u> </u>	<sup>広葉樹</sup> Broadleaf	a a a a a	計曲 Index Contour 50m 150 025	
	Road Small 0.2	ந்த்த Breakwater	0.4	शक्ष Conifers	A A A	standard Contour	
	Ford	<sub>波止場</sub> Wharf	0.4	Bushes / Scrub		Supplementary Contour 5m 1.0 0.1	
ulvert	1.0	River/Stream अंग Single Line	0.2~0.1	Mixed Broadleaf and Conifers	α Λ <sup>α</sup> α Δ α α α α α α α α α α α α α α α α α	Supplementary Contour 2.5m 40 0.1	
	ford 0.2	ற்றி Double Line	0.2	#本広葉派文林 Mixed Scrub and Broadleaf	4 1 0 3 3 4	不明瞭公曲 Approximate Contour	
1. 1	0.4 or 0.6	ตุจะอันอม Intermittent	1.0	マングローブ Mangroves		コンター数値 Contour Values 550ご1.5	
		不明瞭な河川 Indefinite	1.0 02-0.1	Coconuts			
US LANDM	ARK FEATURES	液水方向 Flow Arrow	5,0 0.3	Nipa		DEPTH CONTOURS	
ter)	1.0 50i 0.2	Falls Double Line Stream	0.5 0.3 0.1	<sup>熱苯草地</sup> Tropical Grass		計画 Index Depth Contour 100m 200 0.25	
adio Tower	0.5 Tower	Single Line Stream	2.0 米路に添って表示 0.3	R樹園 Orchard		Standard Depth Contour 20m 10 01	
ump	1.0 1.0=-¥**2.0 0.2	Rapids	0.2	* <sup>用</sup> Rice Fields		Approximate Depth Contour <sup>10m</sup> / 40 0.1	
	20 X 20	भन Well	0.8 • W	Cropland # संध Agricultural Land	* * * * * * * * * *	Direction of Slcpe	
	0.5 	Spring	0.8 S 0.1	<sup>姓本</sup> Tree Rows	0.5		
me	0.3 0.2 3.5	Dam	2.0 永静に送って表示 0.4			LINE SIZES	
	25 0.2 20 1 2.5 0.3	Weir	1.0	RELIEF and ASSOCIATI	ED FEATURES	0.1 mm — 0.25	
ion Line	8.0 0.3 0.1	<sup>運河 導水路</sup> Channel / Canal	0.2	ரு <u>க்</u> Cutting	0.5 	0.15	
	0.1	<sup>用資本路</sup> Ditch		Embankment	95 	0.15	
ipeline .	Pipaline 0.2	湖·池·水涯線 Lake/Pond/Shore -Line	(02)	意傾斜地 Slopes	1.0 11111111111111111111111111111111111	0.6	

Barangay Boundary	2.5 0.5 1.0	BUILDING	<b>S</b>	Chimney,Tower,Radio Tower	0.5 Tower	Single Line Stream
		<sup>設備建物</sup> Built Up Areas	0.1	дө・風カポンプ Windmill / Windpump	1.0 1.0 2.0 0.2	Rapids
ROAD CLASSIFIC		<sup>独立建场</sup> Building	n: 0.5 0.6	Mine	×2.0 ×2.0 0.2	#Р Well
तिक्षक्षक विश्व क्षेत्र विश्व क्षेत्र विश्व क्षेत्र क	0.2	非要維制 Inportant Building	1.0 ≌∷0.8	and Cave	0.5	* Spring
<b>对</b> 境	Sealed 3.0, 3.0 9pt.	教会・北坪堂 Church / Mission	1.0 21.0	क्षतम Airport / Aerodrome	0.3 0.2	Dam
National Highway	Attacher and an anti-section of the section of the	回教寺院· 实际 Mosque / Minaret	1.0 ¥::0,5	<sup>済走路</sup> Airfield	25 0.2 2.0-1 2.5 0.3	weir
	Earth REARBORNING CONTRACTOR (2) CONTRACTOR (CONTRACTOR (CONTRACTO	<sup>病院</sup> Hospital	<b>u</b> H	※歌線 Power Transmission Line	8.0 0.3 0.1	運河 導水路 Channel / Canal
H <b>道</b>	Sealed 3.0 0.15 6pt.	学校 School	0,5 <u>1</u> 111,0	Wall / Fence	0.1	用摘水路 Ditch
Provincial Road	CLERGE CONTRACTOR CONTRACTOR (312) 1/21 ARRANGING REVOLUTION (0.6	<sup>寶樂</sup> Police-station	<b>™</b> PS	パイプライン Pipeline / Water Pipeline	Pipaline 0.2	湖·池·水连線 Lake/Pond/Shore -Line
	Earth (3/3) 0.6	聚硬局 Post-office	₩P0	Salt bed	0.2	<sup>沼 選地</sup> Swamp ∕ Marsh
道	Scaled 0.4	地方自治体の建物 Municipal Building	n MH	<sup>共同基地</sup> Cemetery	1.0 Cem 0.5 0.1	Unit Tidal Flat
Barangay Road	Gravel 0.4	<sub>മുത്യുക</sub> Provincial Capitol	■ PG	<sup>双台</sup> Lighthouse	(2.0) (2.0) (2.0) (2.0) (3.0) (3.0) (4.0)	<sup>階級</sup> Reef
	Eerth 0.4	魔 <sup>機</sup> Ruins	Ruins Co.5	Cleared Areas / Parks <sup>人工的平坦地</sup> Playing Field 場地 公園 運動場etc	1.0 Playing Field 0.5 0.1	<sup>難破船の残がい</sup> Wreck
ngi nga salah s		்ளு Antiquity	0.155.505			RANG Fishpond
rail	2.0 : 0.5					Ronsa Mud
建設中工事中の道路 Road Under Construction	3.0 1.0 Under Construction 0.6					サイホン Siphon
unnel	1.0 0.5 1.0 0.5 (1.0 0.2)		:			

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Tower	0.5 ë Tower	Single Line Stream	20、 冰陆に添って表示 0.3	期間 Orchard		Standard Depth Contour 20m	40 0.
)	1.0 2 2.0 0.2	Rapids	0.2	Rice Fields		रमाक्रदेख Approximate Depth Contour 10m	1.0
	2.0 2.0 0.2	#序 Well	0,6 • W	Cropland 🤋 मार्ट Agricultural Land	* * * * * * * * * * * * * * * * * * *	பு நாக நாக நிரும் திரும் திரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்கிரைக்	20 0.1
	0.5 \(\frac{1}{2}\)1.5	Spring	0.8 S 0.1	*** Tree Rows	0.5		
	0.3	Dam Dam	2.0 米路に添って表示 0.4			LINE SIZE	:S
	2.0 1 2.5 0.3	weir	1.0	RELIEF and ASSOCIATI	ED FEATURES	0.1 mm — 0	).25
_ine	8.0 03 01	· 國河· 導水路 Channel / Canal	0.2	©± Cutting	0.5 		0.3
	0.1	周線水路 Ditch	0.2	Embankment	0.5 	0.15	0.4
ne	Pipeline 0.2	<sup>湖・池・水连秋</sup> Lake / Pond / Shore - Line	0.2	Biopes	1.0	0.2	0.6
:	0.5	R Swamp / Marsh		RTM Quarry	الهسطاليسية (2) 0.2 (2) معالم		
:	[ 1.0 Cem. 0.5] 0.1	Tidal Flat		Depression	2.0 0.75		
	2.0 Q=0.5 0.15	चक Reef		Cliff <sup>6월</sup>	1.0→20 METER FEET 0.1		
(S <sup>人工的平坦地</sup> 俄 運動場atc	1.0 Playing Field 0.5	難破船の残がい Wreck	1.0 3.0 1.0 1.0 0.1	a#述 Lava Flow	< 0.1		
		<sup>資漁場</sup> Fishpond	0.2	Rockoutcrop Area			
		Mud	Mud	Sand / Dunes			The state of the s
		サイホン Siphon	5/phon 0.2	文文中 Crater	Small 0.2 0.1		

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