in gray code - saves time - I don't mind if it gets picked up.

"F.D.R."

Mr. President, at this time there are a series of documents which will be introduced in evidence by Brigadier Nolan.

THE PRESIDENT: Brigadier Nolan.

bunal, at this point the precise timing of events becomes of such importance, and the confusion due to the difference in nominal times at different places so great that we have prepared a synchronized time chart. This document has not in itself any evidentiary value, except in so far as each item of it is separately proved by the prosecution. It is a convenient summar of the whole, is IPS document No. 2665, which I now offer in evidence.

THE PRESIDENT: Mr. Logan.

MR. LOGAN: If the Tribunal please, this document might more properly be used on a summation of the case, but I do not think it should be introduced as having any evidentiary value at this time. It also contains some conclusions of events, for example, No. 6, which I do not think is proper.

THE PRESIDENT: You said this would have no

value unless every item was proved as to particulars. 1 2 BRIGADIER NOLAN: Yes. 3 THE PRESIDENT: There is no objection to it 4 in those circumstances. 5 Admitted on the usual terms. 6 CLERK OF THE COURT: Prosecution's document 7 No. 2665 will receive exhibit No. 1222. 8 (Whereupon, the document above re-9 ferred to was marked prosecution's exhibit 10 No. 1222 and received in evidence.) 11 BFIGADIER NOLAN: I now read from exhibit 12 1222. It is entitled 13 "TIME CHART 14 "for December 6, 7, 8, 1941." 15 It is divided under headings: 16 "TOKYO TIME PLACE LOCAL TIME EVENTS 17 December 18 111. 7th 0940 Washington 1940 - 6th American 19 Press told telegram going to Emperor. 20 112. 7th 1000 Washington 2000 - 6th Mr. Hull 21 cables Mr. Grew that telegram on way. 22 113. 7th 1100 Washington 2100 - 6th Mr. Hull 23 sends President's message to Emperor to Mr. Grew; both Mr. Hull's cables marked 'Triple 25

Priority. By President's order message sent

	in easily decipherable code.
114.	7th 1200 Tokyo 1200 - 7th President's
	message received in Tokyo.
"5.	7th 1500 Tokyo 1500 - 7th U.S. Radio
	announces a message on the way.
116.	7th 1800 Tokyo 1800 - 7th By this time
	at latest contents of message known in Japan-
	ese Government offices.
117.	7th 2230 Tokyo 2230 - 7th Mr. Grew
	gets the message from Mr. Hull.
118.	8th CO15 Tokyo 0015 - 8th Mr. Grew
	sees Foreign Minister TOGO, reads ressage to
	him, asks for appointment to deliver it
	personally to the Emperor, and goes home.
119.	8th 0045 Shanghai 2345 - 7th The Shang-
	hai Bund (International Settlement) occupied
	by Japanese troops.
"10.	8th Ol40 Kota Bahru 2400 - 7th British
	beach defenses shelled from the sea.
"11.	8th 0200 Washington 1200 - 7th Mr. NOMURA
	asks to see Mr. Hull at 1300 hours.
"12.	8th 0205 Kota Bahru 0025 - 8th Japanese
	landing at Kota Bahru in Northern Malaya."
	THE PRESIDENT: Does that continue to be the
same	local time? No. 12 read the line across.

There may be a mistake in the paper: The difference 1 between "0205" and "0025." 2 BRIGADIER NOLAN: There is a difference, 3 I think, of almost two hours between Tokyo and Kota 4 Bahru. 5 THE PRESIDENT: You said they were the same. 6 but -I do not think you mean that, Brigadier. Look 7 at No. 10. 8 BRIGADIER NOLAN: I say they are not the 9 same because item No. 10 shows a difference in the 10 two times. I will have to have that translated, Mr. 11 President, in the correct time in Kota Bahru. 12 13 14

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The difference, Mr. President, lies in the difference in date. In the earlier item, No. 10, it will be observed that "0140, Tokyo" was "2400" on the 7th in Kota Bahru. In the result, Kota Bahru

THE PRESIDENT: The difference between midnight and 1:40.

is one hour and forty minutes ahead of Tokyo.

BRIGADIER NOLAN: (Continuing to read)
"TOKYO TIME PLACE LOCAL TIME EVENTS
December

"13. 8th 0300 Washington 1300 - 7th Mr. NOMURA asks for postponement of meeting with Mr. Hull to 1345 hours."

1174. 8th 0305 Singora 0125-8th About this time 1 at Singora and Patani in Southern Siam, Japan-2 ese landed and advanced towards Malayan border. 3 "15. 8th 0320-25 Pearl 0750-55 7th Attack at 4 Harbor Pearl Harbor. 5 "16. 8th 0405 Washington 1405 - 7th Mr. NOMURA 6 arrives at Mr. Hull's office. 7 117. 8th 0420 Washington 1420 - 7th Mr. NOMURA 8 hands Mr. Hull document No. 2215 N, the docu-9 ment terminating negotiations. 10 8th 0520 Shanghai 0420 - 8th H.M.S. Peterel "18. 11 sunk with casualties. 12 "19." is withdrawn, My Lord, from this chart. 13 "20. 8th 0610 Singapore 0430 - 8th Air Raid on 14 Singapore. 15 "21. 8th 0700 Tokyo 0700 - 8th Tokyo Radio 16 gives first announcement that hostilities 17 18 have begun. 8th 0730 Tokyo 0730 - 8th Mr. Grew 19 20 calls on Foreign Minister TOGO at his re-21 quest and TOGO hands him copy of document 22 handed by Mr. NOMURA to Mr. Hull, describing 23 it as Emperor's answer to President's mes-24 sage. 25 1123. 8th 0800 Tokyo 0800 - 8th Sir Robert

1 Craigie calls on Foreign Minister TOGO at his request and is handed a copy of the same 3 document. 4 "24. 8th 0805 Guam 0805 - 8th Guam 5 attacked. "25. 8th 0900 Hong Kong 0800 - 8th Hong Kong 7 attacked. 8 Between Between 9 "26. 1140 and 1200 Tokyo 1140 & 1200 Imperial 10 Rescript issued." 11 The first stage in the proof of this chart 12 is to show how the times are synchronized, for which 13 I offer in evidence IPS document No. 2581. This not 14 only shows how the times on the chart are converted 15 from local time to Tokyo tire, but will enable the 16 Tribunal to convert for themselves any timed event 17 at any one of the material places into the time at 18 any other. Items, 1, 2, 3, 11, 13, 16 and 17 on the 19 chart will be proved by Mr. Ballantine. 20 THE PRESIDENT: This last document is ad-21 mitted on the usual terms. 22 23 CLERK OF THE COUPT: Prosecution's document 24 No. 2581 will receive exhibit No. 1223. 25 (Whereupon, the document above re-

ferred to was marked prosecution's exhibit

Local Time

Washington

Time

Greenwich Time

[7622]

Place

Pearl Harbor Singapore Khota Baru Davao Gulf, P. I Guam Hong Kong Wake Clark Field, P. I Midway Nichols Field (Manila)	7:55 am—7th 3:00 am—8th 3:40 pm—8th 7:10 am—8th 9:10 am—8th 8:00 am—8th 12:00 noon—8th 9:27 am—8th 9:30 pm—7th 3:00 am—9th	6:25 pm—7th 8:00 pm—7th 8:40 pm—7th 11:10 pm—7th 11:10 pm—7th Midnight—7-8th 1:00 am—8th 1:27 am—8th 9:30 am—8th 7:00 pm—8th	1:25 pm—7th. 3:00 pm—7th. 3:40 pm—7th. 6:10 pm—7th. 6:10 pm—7th. 7:00 pm—7th. 8:00 pm—7th. 8:27 pm—7th. 4:30 am—8th. 2:00 pm—8th.	
Notes: (1) The above times are compiled from existing records. Minor inaccuracies are possible. (2) There were other attacks on Army and foreign installations of which the Navy has no records.				