ABBREVIATIONS

AAA   REF. ID:A72354

- Abbreviation for "Abwehr"

(McC's paper, p. A50351)

AAA is part of OKW which is military
staff of the Fuehrer over the three
services + controls the general conduct
of the war, intelligence and security,
supply and priorities, econ. warfare, etc.

AAE .... REF ID:A72354 .

Army Air Forces

AAF paper

1946 - p. 136

AG

Adjutant General

1943 - p 2

1946 - pp. 116, 121

AGO   REF ID:A72354

"AGO's Office in London"

1943 - p.157

A H   REF ID:A72354

Arlington Hall
   (U.S. cryptologic effort)

1943 - 43, 50, 52, 96, 115, 119

APC   REF ID:A72354

APC tablets

aspirin, phenacetin, caffeine (dict)

1946 - p 28

ATC - Air Transport ~~REPORT~~ ~~ID~~ ~~(272354~~ nd

- ATC office

-ATC terminal
ATC billeting office
-ATC counter

1943 - pp.152, 154, 155
1946 - pp.2, 12, 16, 27, 47, 80, 93, 111 ⟶

-run by the Army Air Force.
one of its responsibilities was
"transportation by air of personnel,
material and mail for all War
Department agencies, except those
served by Troop Carrier units".

ATS   REF ID:A72354
-Auxiliary Territorial Service
   (Enigma-p.33b)

-special services at Westminster Abbey for
   ATS; ATS marches up to Abbey

1943 - pp. 9, 32, 98

BOQ   REF ID:A72354

Bachelor Officers' Quarters

1946 - p. 3

B.P.

Bletchley Park

Wartime headquarters of GCCS

1943-pp 9,10,11, ~~12~~ 12-16, 23-34, 47-

B.S C   REF ID:A72354

British Security Coordinator
 —The U.S. (NYC)-based arm of
the Secret Service, headed by (Sir)
William Stephenson

1943 - p 16

C.A.A

"C A.A men·

1943 - p. 160

E

Enigma
-machine cipher used principally by the
Germans, but also by the Italians
and the Spanish

1943 - pp. 9, 31, 52, 55, 61, 71, 73, 81, 120, 135

E.T.O.:   REF-ID:A72354

"European Theatre of Operations

(Org + Evol of Brit Army Sigint - II
                                    p. 386)
- set up to provide communications for
Army while (troop) build-up in progress,
to supply signal equipment for all →
1946 - p 51

installations and air and for the troops
of the invading army, to. arrange for
equipment.. to. keep replenishing
supply of equipment... (Signal Corps
Series)

ETOUSA   European Theatre of Operations, USArmy
(OR RETUL ID3KA 728 341 GNT-II p 386)

European Theatre (SIS ETOUSA, london)
-headed by Col. George BICHER

1943- p.2,47

FF Section

- at GCCS
Free French (see McC's paper, p B46)

1943 - p. 45

G

- G Floradora?

1943- p.19

G-2   REF ID:A72354

General Staff - Intelligence Section

Intelligence Branch of U.S. Army
Lewin - Intelligence Section in
     U.S. formations

1943 - pp. 55, 73
1946 - pp. 12, 74

Government Code + Cipher School
between- Pre-war Brit. code breaking
org. responsible thru M16 to
the Foreign Office, which
administered BP throuout war.

G.O.C.

General Officer Commanding

GPO

General Post Office (London)
- Government Printing Office

1943 - p. 85

105   REF ID:A72354

1943 - p.154

ISK (Illicit Services) ~~REFF ID):A70854~~ German (Clandestine Intelligence Services)

(ISK Enigma machine - "yellow machine":
used by Abwehr)
- wholly cryptanalytic
- cipher machine
- after msgs broken, sent to ISOS
* for translating + distro. ⟹
* Lewin function analogous to Huts 6 and 8
1943 - p. 118

(McC's paper, p. A42

(from Sicherheits Dienst traffic)

REF ID:A72354

Lewin- Intelligence Services Knox;
a section at BP under Dillwyn
Knox which concentrated on
special machine cyphers thought
to have originated on some
kind of Enigma

German Clandestine Traffic

ISOS - (Illicit Signals Attaches:)
- the Section of GC&CS responsible
for cryptanalysis and processing
of German Intelligence Service
(Abwehr and associated) traffic.
(Org & Ev of Brit AF Sigint -
p. 318

1943 - p.114

(McC's paper p A42)

est end 1939 + originally consisted of
Strachey + secretary

Section ISOS - does crypt work on all
traffic other than ISK and ITS WN
(Illicit Series Turney) + also is the
intelligence and distro centre for the
entire Clandestine output
(from Air-wehr? traffic)
→ LEWIN - Intelligence served Oliver Strachey - a
section at BP concerned w/ signals enciphered
by hand

#IV 1.S.

"spent day in #IV I.S. going over
6 Pol + allied subjects

#4 Intelligence School -cryptanalytic

1943- p. 53

J

"J translation staff", GCCS

Japanese

"J field"
1943 - pp. 20, 97

J-19-K9 (A72354

TSu (Jap name)

Japanese code ~~markings~~

secure
enciphered code (high level)

1943- p.21

IAC   REF ID: ~~Japanese Army Codes~~ <u>Japanese Army Codes</u>
<u>Japanese Army</u> ~~circulation letter~~

<u>IAC conference - dealt with crypt.</u>
<u>matters prob. since Friedman</u>
<u>was asked to chair but declined</u>
<u>in favor of Sultsman as</u>
<u>1943 - pp. 9, 18, 26, 29, 32, 49</u>
<u>(crypt) leaders in host govt.</u>

→
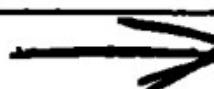
"conference in London early in May for the purpose of discussing the division of labor conducive to most effective exploitation of Japanese Army traffic."

JMA - Japanese Military Attaché (System

- of Japanese military attache
signals
(Army & Mil History - Vol. II - Special
Studies p - 337)

1943 - p. 110

.

LA   REF ID:A72354

—

low grade Japanese diplomatic System...

(see McC's paper, p. B25)

1943 - p. 22

GCHQ - Relations REF ID:A72354 15

"LA" is a code for "restricted"
communication (SECRET)

M.A.

- Military Attaché
- Gen. Peabody is referenced

1943- pp. 2, 41

1946 - pp. 34, 133

M.I 1(b)   REF ID:A72354

- military intelligence (Branch of the War Office)
  - UK cryptanalytic agency
  started in WWI under Major
  Hay

- War Office expanded it to
  M.I. 8 (same name as held by
  Yardley's organization)

MI-8   REF ID:A72354

- military intelligence
US - Yardley's cryptologic section of
     Military Intelligence Division
UK - War Office expanded crypt. agency of
     M.I.1(b) into M.I.8

1943 - p.51

N.A.

North Africa

from N.A. intercept Cheadle ⇒ BP ⇒   place Eng

LDN ⇒ N.A.

1943 - p. 35

⇒

NA   REF ID:A72354

-each principal station of the German
Army "Y" Service is called "NA" plus
an Arabic numeral

(McC's trip-Addenda- p. A18

W.ff P 35 ~~secret~~ report on "E" ops

early morn hrs @ 7 May (2am), RAF intercept Chicksands plain lang. message (English) something as follows: "To the GOC American II Corps + the GOC British VIII Army In. (a cove in the bay of Tunis) ship w/ Brit + Am pow locked in hold & officer w/ key cannot be found. Do not bomb. From CinC Axis forces" Message phoned immed. by sup at Chicksands to intercept control officer at BP → Intelligence Group Hut 3 → via BP's transmitter to N. Africa → bombardment of ship stopped in very few minutes.

NE ~~████~~ REF ID:A72354

Near East?

1943 - p.12

NNN   REF ID:A72354

"NNN studies on JAC"

1943- p.29

OD ___ . **REF . ID : A72354** _ __ _____ _ . .

Ordnance Depot

-Concerning customs

1946 - p. 145

OSS   REF ID:A72354

"OSS setup"

Office of Strategic Services
       (Code p 539)

1943 - p. 154

created by Pres Roosevelt, July 13, 1942
- charged with collection and analyses
of foreign information + carrying
out special operations under
control of Joint Chiefs of Staff
directive
" planning, development coordination,
execution of the military program and
for psychological warfare"

RFO

Russian Foreign Office

1943- p.19

R I Co.   REF ID:A72354

- Radio Intelligence Company
- located in Tidworth (intercept stn)

~~stwst~~ - W.H. prelim. rept - R I Co. produced
raw material for Bicher's SIS

1943 - p 6

RTO   REF ID:A72354

Railway Transport (or Traffic)
Officer

1943 - p. 98

SCU

Special Communications Unit
—"equipped with hand-speed
morse facilities that could be
brought into use when normal
Service Communications were
inadequate or non-existent"

(Hinsley p. 572)

SIS

REF ID:A72354

Secret Intelligence Service (U.K.)

-Signal Intelligence Service in Washington

-(Army counterpart of OP-20-G) (cryptologic org.)

1943- p. 17

SIS ETOUSA REF ID:A72354

- SIS in European Theatre
  (London)
  - headed by Col. George BICHER

SLU REF ID:A72354

Special Liaison Units
set up to get Ultra intelligence information
to Commanders in the field
communications from P.P. deciphered
by "Secret Service" officer + his staff. has
direct access to commander n proper
1943- rep of Commander -
p. 30 Secret Communications Unit
see McC's p. A·15 (SCU) ⟶

SLU - responsible for deciphering
all signals on a link for
circulating them within the
HQ and for supervising the
security precautions laid
down for the handling of
their Contents

SSO REF ID:A72354

Special Security Officer (Org + Ev
of Brit Army Sigint -II ₰ 390)

1946 - pp 12,

SSu _____ - REF ID:A72354 - - -

"SSu representative"

Special Support Unit &

1946 - p.40

TICOM

Target Intelligence Committee

- a joint Anglo-American committee
Responsible for the exploitation
of Sigint targets in Europe.
(Org + Ops -II, p 397)

—combined or REF ID:A72334 tigate
all phases of Germ. cryptologic
effort, and to ensure that all
Germ. crypt. orgs. were
thoroughly destroyed.
TICOM dissolved
25 Nov 1945

U.S. Forces European Theatre

ETOUSA was redesignated USFET
effective 1 July 1945 w/ HQ at
Frankfurt.

1946 - p 59

WAAFS   REF ID:A72354

-acronym-

Women's Auxiliary Air Force

1943 - p. 13, 14

W.O.Y.G.
  "Woigh"

- War Office Y Group

- headed by Col ~~LILIAN~~ LYCETT

1943 - p. 98

WRNS   REF ID:A72354

Women's Royal Naval Service

Enigma - p. 327

W/T   REF ID:A72354

Wireless-telegraphy(or telephony)

1943 - p 34

TERMS

A type , B type

type "A" radio intelligence unit
has 12 receivers + 3 direction -
finding sets. TA group consists
of 10 officers + 26 other ranks
type "B" RI unit has 8 receivers +
1 dir. finder. TA group consists
of 3 officers + 20 other ranks
1943 p 30

agreement

- on 17 May 1943 an agreement was
  signed between British Gov't
  code + cypher school and U.S. War
  Department related to cooperation
  in techn. exchange of technical
  info. Main points Re:
1) U.S./UK agree to exchange all info
  re detection, ident + intercept. of

signals from + sol. of codes + ciphers used
by military + ~~REF ID A72854~~ powers,
incl. secret services (Abwehr)

2) U.S. assumes main respon of
   Jap. Military + Air codes + ciphers

3) U.K. assumes main resp. of German
   and Italian Military + Air codes +

ciphers.

Audley St., #8REF LONDON54
'Officers Mess?

1943 - pp 1, 6, 42   restaurant?

ATC. office? (assigned rooms
at Park Lane)

SIS HQ? billeting office

⟶

1954.

7 North Audley St

(Flat No 507) Box 4

b+b letter   REF ID:A72354
  -bread-and-butter letter (thank you)
  "b+b letter to the Denniston's

1943 - p 72
1946 - p 77

Beau Manor REF ID:A72354

Intercept Station (Army)
WFF-(stuff) "E" ops report
WOYG (War Office Y Group)
at Beaumanor -
Specializes on intercepting
German Army E but takes some
GAF as well

Berkeley Street #8

- name for Denniston's show

(McC's telegrams)

- under the Foreign Office

GC&CS
- deals w/ diplomatic + commercial
  systems

billet ... _ REF_ID:A72354 ____ .. ___

-lodging place

Block A   REF ID:A72354

- at B/P

may refer to a specific grouping
or 'block' of buildings at B.P
since these were many separate
bldgs + huts ————————⟶

1943- p.105

~~reference to~~ W/F ~~stuff~~ "E" ops rept

REF ID:A72354

naval and ~~submarine~~ E work is
conducted in "Block A" under Mr.
Burch + material in processed -
separately up to point where final
messages are ready to be reported
to Admiralty or go by "signal"
to Naval commands. Then goes to
Hut 3 where becomes part of general
pool of intelligence

bombe ———— REF. ID:A72354 —— — — · ·

— apparatus for breaking Enigma
daily keys, that is, ascertaining
wheel order, Ringstellung and Stecker
by testing a crib and its implications
in all possible settings and
wheel orders

(Org. + Ev of Brit A. F-I p. 314)

Lewin: "has described as (to

ted all the possible wheel or rotor

orders of the Enigma, all the possible

wheel settings and plug or Stecker

connections to discover which of the

possible arrangements would

match a prescribed combination

of letters.' "

"Broadway" REF ID:A72354

"Servicing of (purple) machine by
service man from "Broadway""

- Broadway, Westminster (original location
of GCCS (Purple pp. 149-50)

1943- p.21

Office of Chief of Secret Service?

"C's Broadway office"
(M.C's paper, p A46)

Purple p 113   UK & Governments
cryptographic organization =
set up in Broadway, Westminster
in 1923 under Alastair Denniston

54 Broadway - home of GC+CS before move to BP
- also, London HQ of Secret Service

"building of ~~REFND A12854~~"

ETOUSA HQS?

1943 - p. 4

Callsigns p ~~REF dur a 72354~~ and

- Mr. Clark said this story was
  a myth

1943 - p.110

Cheadle   REF ID:A72354

- a place
- intercept station (Air Force)

1943 - pp. 35, 139

"Comm series" REF ID:A72354

- a "most secret" series - based on
· info messages from Commercial
section of Denniston's show
located in Aldford House, a few
blocks from Berkeley Street

telegrams 25 May 1943

Controversy   REF ID:A72354

- US - U.K. controversy re
  Enigma. VERKUYL is Dutch
  Intelligence Officer who
  recruited NSA employee ~~Pet~~
  Joseph Peterson for espionage
  against U.S.

  $\Rightarrow$

1943 - pp. 4, 9, 71

perhaps controversy is related to cooperation
between AH & B/P re who is responsible for
doing what on Enigma solutions

    (McCormack's paper - trip to London)

apparently British proposal was exclusive
exploitation + thus not acceptable to
McC + Taylor

✷ prob related to extent of U.S/U.K SIGINT
cooperation in war effort - who was to
be responsible for what

Creed

"high-speed Creed reception"

Box 12 - BH/WFF files - " Creed perforator"
#3- Rowlett - reference to modified
Creed tape printer.
1943 - p. 16
- trademark for equipment - like
Teletype - see Rowlett (TABA)

'high speed automatic printing (Creed)
of incoming signals..."

"automatic Creed printers "

CSP 2200 _____ __ REF ID:A72354 . __ _____

"automatic operation of CSP 2200
on incoming tapes…"

1946 - p 91

Distrib and Reref Section ~~ID IA72~~254

<u>&CCS</u>

<u>correct name?</u>

<u>Distribution and Reference Section ?</u>

<u>(McC's paper, p. B1)</u>

<u>1943- p.17</u>

E machine REF ID:A72354

Enigma

1943 p 25

E Show   REF ID:A72354
    (Enigma)
   "DeGray had purposely rushed
him (Al McCormack) through the E
Show"

1943 - p.24

Falkland Street ID:A72354

- Mr. Clark said Falkland story
  is a myth.

1943 - p.111

FEA at Höc̶h̶s̶t̶ REF ID:A72354 ‾‾‾ ‾‾ ‾‾‾

1946 - p. 51

Fish ~~can be to embur~~ REF ID:A72354 ~~flags to~~ *instant comments*
used for highest grades of traffic
· B built machine for Fish"

Fish- Generic name for German non-
morse teleprinter traffic and its
decrypts. From Tunny, Stickleback + ⇒

⇒
1946 - p. 40
- another (besides Enigma) cipher machine used by
Germans - Geheimschreiber "secret writing machine"
~~code name Fish~~"

Similar specific keys given to
individual keys of this type

ORG + EVOL OF BRIT ARMY SIGINT - I

·NORDLAND tapes'   p. 357

mostly Army + Air Force messages?

- machine system (enciphered printer)
TS. (Rowlett trip)   (non morse)
" German military high-grade teleprinter
   aphers, designated as the Fish systems

Fish

1940 - 1st enciphered non-morse
transmissions - later named
"Fish" at GC+CS on the strength
of an Enigma reference to the
fact that one non-morse
enciphered system, properly
named Geheimschreiber, was
being called 'Sägefisch.'

Floradora   REF ID:A72354
German diplomatic system
-dip system - additive

"G Floradora"
"G Section is primarily 'Floradora'"- headed
by Patricia Bartley
1943 - pp. 18, 22, 87

~~T.S. Cream - Hi~~ REF ID:A72354

double encipherment; one line of
additive 184 applied to plain ~~text~~-
code text + 2nd line of additive
applied to sum thus produced.

(four)

"4 Services" REF ID:A72354

German Army, Air Force, Naval, Abwehr
-reference to GA, AF, N, Abw

1943 - p. 11

Abwehr - handled Germany's intelligence
+ counterespionage functions (Code - p. 453)

Abwehr - German Secret Intelligence
Service - espionage and
counter espionage

(Org. Evol -II p.392)

"Free Rum"   REF ID:A72354

-in London (an organization?)

fusion room - Hut 6

Better

- physically located in Hut 6 but
part of #6 Intelligence School
concerning WT/I WT/I

- msgs. + logs come from intercept
stns; msgs after ident. go to either
Hut 6 (for decryption) or other
sections if lower level stuff →

logs go to Log Reading Section

GC.CS. ~~exrec ID fN72 73 p~~ ch. of 1925.

1943 - p. 41

"Gee-Whizzer" REF ID:A72654 ~~Electromatic anagram~~ anagram[m]er

- machine for use in cryptanalysis !
invented to help solve J-19
slid automatically to come up with
good Jap. code digraphs
1943- p. 4, 21 →

oldest + 1st crypto machine ever

REF ID: A2354

REF ID:A72354

Geheimschreiber used thru
neutral Sweden to occupied Norway
+ Swedish intelligence tapped cable

cryptanalyst Arne Beurling solved
cipher on paper in May 1940

Lewin
- this was from earliest model of
fire - 52AB

Goeben + Breslau

- Mr. Clark said Goeben + Breslau
Story was a myth

1943 - p. 111

Guildhall REF ID:A72354

1943 - p. 42

Hag   REF ID:A72354

-British Hagelin machine

1943 - p 73

Hut 6 - Army

Hut 8 - Navy   Hut 3 - Air Intell.

- huts at B/P

"real work of cryptanalysis
was conducted in Huts 6 and 8
at Bletchley"

the right people.
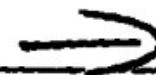
Enigma - p. 332
1943 - pp. 71, 75, 76, 81, 115

Hut 3 – the Section of GC+CS responsible
for processing German army + air
force high-echelon decrypts
(see Jones, R V.)

Hut 6 – The section of GC+CS responsible
for German army + air force
Enigma cryptanalysis

ORG+ EVOL OF BRIT ARMY SIGINT - I
p 358

Hut 8

– the Section of GC+CS responsible
for cryptanalytic work on and
deciphering of German naval
Enigma messages

(Org + Ev. of Brit AF-I p.317

(from NORDLAND typREF5 4) ID:A72354

Hut 3 - linguistic unit for scanning, translations,
            intelligence reports

Hut 6 - cryptanalysis

Hut 8 (with block designators)

Lewin'

Hut 3 - Army+AF intelligence processing
Hut 6 Army+AF -cryptanalysis
Hut 4 Naval intelligence processing
Hut 8 - Naval cryptanalysis

IG Farben building REEL ID: A72354

1946 - pp. 52, 59

I-mil

Italian military?

(Maj. Alexander)

1943 - p.118

Intel Exchange

Intelligence Exchange

- set up to produce for Travis weekly
a digest of significant intelligence in
all incoming signals (Lewin p. 137)

1943 p. 110

receives REF ID:A72354 Park + Berkeley
to coordinate dig + service tfc. - daily
summary put out of highlights &
keep section heads at Park + Dlenniston
at Berkeley informed.

T.S Rowlett 1944
"clearinghouse for all translations
produced by all cryptanalytic units
at BP" ... helpful in revealing cribs
to help other units

Jig mil   REF ID:A72354

- Japanese military

1943 - pp. 110, 115

Legation   REF ID:A72354

-mission (diplomatic)

1946
pp 22, 33, 42

mae west   REF ID:A72354

- a yellow life jacket inflatable
by means of two cartridges of
carbon dioxide that is worn by
fliers in flights over water
(dictionary)

menu -

lewin - 'the prescribed combination
    of letters'

- the cryptanalysts identified
    from scrutiny of the intercepts
    the correct set of questions
    to feed into the bombes.

$\longrightarrow$
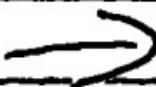
set up of plain text-cipher and
cipher pt conditions set up on
the bombe. These determine when
machine reaches position at which
encipher-decipher conditions correspondy
to crib are satisfied, thus yielding
a poss. solution

metro   REF ID:A72354

" metro work "
    (re cribbing)

1943 - p. 31

Naval controversy

- U.S. Navy was much more
secretive about their SIGINT ops
than British Navy. Must be
remembered that at that time
the British services were all repres.
at B/P + were sharing info whereas
in U.S. - Army was very separate
from Navy

Newmanny, Max H.A

"Newmanny" (Hut F) set up after
Newman joined BP in Sept. 1942 -
Fish - get codename for geheimschreiber

No. 4 Intelligence

cryptanalytic

(one of the two principal branches of
the "Military Wing" of the GC+CS
at B.P.)
   (McCormack's papers - Taylor)

No. 6 Intelligence ~~GREEN ID 472~~ 354

WT/I branch - performing "traffic analysis"

-Air Force component of Hut 6 ⟶
(one of the two principal branches of
the "Military Wing" of the GC+CS
at B.P.)

⟹

See McCormack's cables 4988 + 4991

'orientation of Maj. Lewis' group is chiefly toward the crypt part, met 6, and in NO & IS for Italian + low-grade German, Major Gadd's group chiefly services the intelligence personnel in Hut 3.'

Major Gadd – Liaison, Sorting, Research, etc.

(See McC's papers – Taylor)

* has 2 main functions 1) maintains watch in the Watch Room of Hut 3, 2) maintain a group in the fusion room

OP-20-G   REF ID:A72354

Navy's cryptologic organization

OP-20-GY -cryptanalytic section
OP-20-GZ - translating section

Codebreaker's (p. 1)

P-8 grade — REF ID:A72354

(WFF - Box 2, folder 3)
Director of Communications Research,
P-8 $8000 per annum (1942)

1946 - p 82

Punch — REF ID:A72354

- some sort of reading material

British humour magazine

1943 - pp. 67/143

Purple   REF ID:A72354

Japanese highest-level diplomatic
cipher system

1943 - pp 21, 79

R-units   REF ID:A72354

Telegram #867 (25May43)

~~Secret~~

operate in field like A and B
units but will have sole function
of picking up E + other high grade
traffic in medium frequencies
which cannot be heard in England.
Send to BP by means of units
own transmitter -
R units to be mobile - so receiving→

sets each REF ID:A72354
planning to have 5 such units
(in expectation of continental ops)

Room 47, The Foreign Office REF ID: A72354 - -- -

-covername for department at B/P
which broke German military ciphers
(Secret War-Enigma p. 305)

Scrip   REF ID:A72354

U.S. money for servicemen?

1946 - p.12

"second
"2nd story work REF ID:A72354

- reference to security of strip

1943 - p 108

SIG C REF ID:A72354

~~Signal Corps (abbreviation)~~

"SIG C Party"

Signal Corps

"Am Sig C Assn"

1943 - pp 55, 92, 94
1946 - p. 71

Signal Intelligence Service
REF ID: A72354

See Y Service

114th Sig SvcREF ID:A72354

114th Signal Service Company

-in Sonntra
Capt Gilbert Smith located Here
(Commanding officer?)

1946 - p. 53

116th Sig Svc Co

-at Scheyren

1946- p 67

SNAFU___ __ REF ID:A72354 _

1946-p. 146

Special Hayes REF ID:A72354

"use System IP-U instead of
Special Hayes"

1943- p 18

S.S ~~France~~ FREE ID:A72354

"Brig SS frame"

Brigadier Tiltman created this system
~~world~~ 1941 ~~#~~, for British general
fleet - it is a grille system

1943 - p.12,13

Sturgeon   REF ID:A72354

- German cipher system (non-
morse teleprinter?)
- WWII German geheimschreiber machine
(WFF Hag file Box 12)

1943 - p.113
B-Rowlett - one of 2 types of machines
(Tunny is other one) used for high-grade

German teleprinter systems

REF ID:A72354

~~Secret~~ - W FF "E" ops rept.

"Fishes" traffic becoming more imp.
as source of long-term strategic
intelligence -

enciphered teleprinter signals

System 1P-U REF ID:A72354

"use System 1P-U instead of
   Special Hayes"

1943 - p 18

TESTERY - . REF-ID:A72354 --

- research section at BP headed by
Major Tester

"things back home" REF ID:A72354 . ___ __.

 - W.F.F. worrying about things
 back home ".

 "3932 military rd "

1946 - pp 27, 29

Tunis + Bizerta   REF ID:A72354   7 May 1943

" The Derbyshire Yeomanry, the
reconnaissance regiment of the 6th
Armoured Division, reached the centre of
Tunis at 4. p.m on Friday, 7 May, thirty
six hours after the opening of the
final offensive. In the same hour
the Americans entered Bizerta.

Turkish (COMREF) ID:A72354

- MENZIES (the C.S.S.) offers
  access to Turkish COMINT

1943 - p. 7

Type X   REF ID:A72354...... . .....

-kind of keyboard
"Typex" - British electric cipher machine
    Purple - p. 153
                →
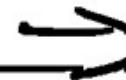
1943 - pp. 14-15, 89

Typex - British cypher machine
basically similar to the
German Enigma machine

ORG + EVOL OF BRIT SIGINT - I
p. 361

Varioplex term REF ID: A72354 —

(B.P. - NY) - linking SIGABA to
Typex? (Purple p153)
- COMINT cable between GCCS
and B.S.C (NYC)

1943 - p 16

V-mail   REF ID:A72354

(Sig Corps-Outcome p.158)

"a method by which personal mail was
microphotographed on 16 millimeter
film for ease + economy of transportation
At the destination the filmed
messages were enlarged + reproduced for
1943- p.79   delivery

WD telegram — REF ID:A72354 — —————— — —

(War Department)

1946 - p.122

White paper

- dict ⟹ a government report
- on any subject

Wren   REF ID:A72354

- member of Women's Royal
  Naval Service

1943- p. 55

WT/I   REF ID:A72354

-traffic analysis

'wireless intelligence'?
* - the derivation of intelligence from
radio traffic by all means short of
cryptanalysis
1943- p. 49

X61753 — sorte [of a] machine
connected with Enigma
Purple 121 - "Magic X": U S?
counterpart to Turing's
'computer - the 'Bronze Goddess'
- related to SIGABA?

1943 - pp 43, 63, 104, 106, 151

Y Service or Signal Intelligence Service

- "the British, U.S. Army and U.S. Navy services concerned with intercepting, decoding, interpreting classifying + dissemination of enemy (and neutral) communications, and the uses of D/F and other specialized apparatus for establishing locations and identities of enemy transmitters" (GCCS + War Dept. 1943 Agreement)

Y Hinsley

service. the ~~interception~~ of
signals, including the operation
of DF, but this was known in
the USA ac the RI = Radio
Intelligence Service
lewin - the British radio-intercept service

Y Station   **REF ID:A72354**

- intercept station?
- Wireless intercepting station
  (Org + Ev. - I p. 397)
Y - the interception, identification +
  location of enemy radio transmitter)

1943 - p. 139

PERSONALITIES

-J-

JENKINS, Ore   REF ID:A72354

- (assistant to Earnshaw Smith) Reference
- worker ~~##~~ Distrib and ~~Research~~ ↑
  Section, GCCS (London)

- Professor of Medieval and Modern
  Greek at Cambridge
- assistant to Earnshaw Smith
  (MCC's paper, p B8) ⟹

Secret War.   REF ID:A72354

Roy Jenkins (another Bletchley man)
became Cabinet Minister and
Chancellor of the Exchequer.

-A-

ABRAMOWITZ, REF ID:A62354

- W.F.F has known since Ft Monmouth
  days

- in Anspach, Germany

1946 - p 70

ADAMS,   REF (ID, A 72854 s)

1943 - p. 118

Adcock,

- loan of golf clubs
- Professor of Classics at Cambridge
  1 of 3 comprising liaison section
  in G Section (London)

1943- p. 72

ALEXANDER, . REF(MID: A)72354

- connected with I - mil (at B/P)

in charge of Hut 8 at B/P?

1943 - p 118

ANDREWS,   REF (D&A)2354

- died in plane accident in Ireland
  (1943)
- Assoc to ETOUSA commander?

- 1943- p 20

U.K.

BABBAGE, DeREE (Maj) 2354
(at B.P.)

"had session on theoretical crypt
side with Maj. Babbage"

Secret W.F.F "ε" ops -
briefing on Cryptographic Research
analytic

1943 - p 34

BARTLEY, Patrick REF(MID.) A72354   U.K.

- in charge of G Section, ~~SCOS~~
  at Denniston's, London
  (Floradora)

1943- pp. 18, 88, 117

BAYER, REF/. ID(A)2354

1946 - pp 57,64

BAILY
BAYLY, -   REF ID:A72354   U.S.

person (McC's paper, p B62)
~~Gordon Welchman - The Hut Six Story~~
poss. Canadian Colonel B. deF.
    Bayly, always known as Pat.
- had been Prof. of Communications
Engineering at Toronto University before
war - now had handled much sensitive
radio + cable traffic btw. Wash + Lond ⇒
1943 - p 16

invented new cipher machines to handle
teletype traffic

BEARD, Eugene (REG) ID:A72354

1946 - p.65

BICHER, George (Colonel) REF. ID: A72354 U.S.

Chief of SIS ETOUSA - Signal
Intelligence Service, European
Theatre (London)
(longtime COMINT veteran)

1943 - pp. 2, 46, 52, 107

BIRCH, F.L. (M~~REF~~) Frank REF ID:A72354

- Head Naval Section
- author of many of the GCCS
  official histories

1943- pp. 12, 32, 76

wartime chief of the Naval Section at GC&CS

BIBCH, REF ID: A72354

worked at B/P

1943 - p. 32

BLACK, _ _ (REF) ID:A72354 U.S.

G-2 ETOUSA

1943 - p.2

UK

BLACKSTAFF, REF ID:A72354

- of British P.O

1943 - p. 95

UK

BLOOMFIELD, REF ID:(A072)354

-at War Office

1943 - p 152

BOASE,   RÉFno ID): A72354

-(lent raincoat)
-at BP

1943- p 105, 109

BOYD, (REF ID:A72354) UK?

1943 - p.153

U.K.

BRADSHAW,   REF(CID:A)2354

- Deputy Director for Administration
(at B/P) -(retired)

1943. p. 29

BRADSHAW, Maureen (IP 372) 354

- BJP research section

1943 p.29

BROWNELL, REF (ID: A) 72354

1946 - p. 78

BROWNSCHWERG, ~~Sidney (Capt)~~ 354
BROWNCHWEIG, Sidney B. , Capt
116th Sig Svc Co. at Scheyren

1946- p.67

-C-

C

"The Chief" of the Secret Service

C.S.S. - Stewart Menzies

1943 - $\frac{79}{pp. 153}$

CAGLE, W O   REF ID:A72354

- at 116th Sig Svc Co in Scheyren

1946 - p.69

CAMPBELL, MAREE ID.yAZ2354

1946 - p. 75

CARLSON, REF CIPT. 72354

- went to Sweden 1944 instead of
  W.F.F

1946- p 34

CATTY,   REF ID:A72354

(Italian and Vatican)

- head of It. section at ~~GGGS~~(?)
Denniston's (London)

(see McC's paper, p. B4b)

1943 - p. 38

U.K.

CLARK,   RE(E/LD) A72354

-oldest living GC+CS member,
 going back to 1916

1943 - p. 110,

CLARKE, Carter W. (Gen.) BEEN/IPCA/2354

- delivered Marshall's letters to Dewey
  (Code-B - pp. 604-5)

1943 - pp. 28, 42

CLIFFORD,   REF ID:A72354   u.k.

-EACHUS' relief

1943 - p. 34

COMPTON, AH REF ID:A72354

- big name scientist?

1946 - pp. 101, 102

COMPTON, KARL REF ID:A72354

1943- p. 46

CONRADI, Arthur M. (Jr.) REF MD; A72354

Boris Hagelin's son-in-law?

Aug. 45 - Major Arthur Conradi Jr,
Asst. Military Air Attaché, US
Legation in Stockholm
(WFF - Hagelin corresp.) Box 12A

1946 - pp. 22, 34

COOK, Earle F (Lt Col) REF ID:A72354

-in Frankfurt
  - Lt. Col Signal Corps
- Headquarters - (ASA) in Germany
  1945 - TICOM matters (WFF Box 1 - types)

1946 - pp. 57, 76

COOPER, Joshua E. A (C.M.G.) REF ID:A72354 . UK

- In charge of Air Section at B/P
- became 1st head at the Air Section in 1936.

1943 - pp. 11, 29, 106, 140
   head of the Air Section - was made
   a Commander in the Order of St.
   Michael and St. George

COOPER, REF (DPA) 2354 . ____ - U.K.

- assistant to TILTMAN

1943 - p. 12

CORDERMAN, ~~W.~~ ~~Preston~~ ~~(Col.)~~ ~~REF~~ ~~ID:A70954~~ U.S.
(Commanding Officer of Sig. Sec. Agency)
Chief of SIS (Wash)
(Inter-Chief, Army Sec. Agency)

1943- pp. 6, 36, 43, 79, 86, 143

1946 - pp 66, 76

COULISK,   REF ID:A72354

1943 - p 95

-D-

DAMEY, -- -- REF-ID: (Maj.) A72354

1943 - p. 6

DAVIDSON, REF ID:A72354   U.K.

British Director of Military
Intelligence (DMI)

1943 pp. 4, 7, 55

DE GREY, Nigel REF ID:A72354 ---

Deputy GCCS
(TRAVIS' deputy)
Deputy Director of the Dept of Communications
(Bletchley PK) (Codebreakers p 485)
1943 - pp. 11, 13, 16, 23, 29, 49, 53, 72, 103, 104,
113, 153

DEMPSEY, Elizabeth ~~RFE-ID: A72354~~

- in Paris, formerly from A H +
  Wanted to transfer to Frankfurt

1946- p.91

DENNISTON, Alastair (Commander)   U.K.

   - Head of Civil Section, GCCS (inland)

1943- pp. 6, ● 7, 10-11, 17, 38, 40, 63-69, 72

DENT, Jessie (him) REF ID:A72354

-in Frankfurt

-in Paris (117)

1946 pp 52, 76, 117

DEVERS,   REF (Gen.) A72354

CG- ETO (ETOUSA)

1943- p.94

DEWOLF, REF (DMA.) 2354

- of State Dept

1946 - p 97

DIXON,   REF ID:A72354

1943 - p.95

DUDLEY-SMITH (Lt. Cmdr.)

B/P Chart - Security of Cypers

Mrs. D-S worked at B/P also

1943 - pp. 32, 76

DUNLAP, ~~R (EE'LED.)~~ A72354

-formerly Sgt.

1946 - pp. 66, 76

DUNN, Nancy REF ID:A72354

- dancing partner'

-omitted - (probably)

1946 - p. 9

- E -

E

Elizebeth Smith Friedman, W.F.F's Wife

1943 - pp. 20, 26, 29, 35, 36

EACHUS, Joseph REF ID:A72354

in U.S Navy - stationed at Bletchley

1943- p.29,34

EARLE,

- met W.F.F. in Frankfurt

1946 - pp. 48

EARNSHAW-SMITH REF ID:A72354   U.K.

see SMITH

1943- p.18

EASLEY,   REF(MD-A)72354

-SSO (Special Security Officer)
- at U.S. Embassy, Paris

1946 - pp. 12, 48, 84, 87, 104

ELLINGWORTH, REF ID: A72354 *ret'd Cmdr*

- head of Bear Manor
(~~the~~ McC says "Illingworth")
(p. A62)

of Chatham - in Welchman's book
site moved from Chatham to Bear Manor 1941
1943 - p.99

EXELL,   REF ID:A72354

Head of Portuguese + Brazilian
Section, CCS (London)

1943 - p 40

-F-

FIELDING,   REF MR; A72354   UK

- at War Office

FILBY, P. W. — (REF ID:)A72354   William   U.K

- Worked at GCES
- Captain in Dec. 43

1943 - p. 18

FITZGERALD, REF ID:A72354

~~head of an ETO Sigs Branch~~

1943 - p. 95

FLADGATE,   REF (IDC A72354)

Dir. of Signals, British Army

1943 - p 95

FREEBORN, REF ID:A72354

"Afternoon with Freeborn on IBM, then Intel Exchange"

~~Hos Scott~~ in charge of section.

BIP Chart - Tabulating Machinery (of BTM)

1943 - p 110

FRENCH, Eddie REF ID:A72354

- in Frankfurt

1946 - p. 52

-G-

GAMMEL, REF ~~MDCA 72354~~

"G.O.C of whole East Anglia?"

1943 - p. 133

GARLAND,   REF ID:A72354

1943 - ρ 95

GETTY, REF ID:A72354

-at B/P

1943 - p.54

GLENN,   REF ID: A72354

- had been at Arlington Hall, then with
  Earle (Cook)

- now at Signal Center w/ Col. Reynsford
  (Paris)

1946 - pp. 84-85, 87

GRANT, ~~(Maj.)~~ REF ID: A72354

at B/P "on WT/I side"
(at JAC conference)
"Japanese WT/I party under Major
Grant, which is physically located in
No 4 TS adjacent to the Japanese
cryptanalysts" (McC's papers - Taylor)
1943- p 49

GRISSEL, H ~~BEFITDS #7235 4~~ Edward
(woman) ("Hastings")?

"Grissel H·?

1943 pp. 57, 110, 158

-H-

HARRIS() (Brig.) REF ID: A72354 U.K.

-Chairman of Y Committee

1943 - '32, 49

Caesar Wilhelm
HAGELIN, Boris ~~RNF~~ ID:A72354

- wife Annae, daughter Ingrid, sons Karl
  Wilhelm & Gunnar
  daughter Margareta
  son Boris Jr.
1946 - p. 23

Capt E G Hastings RN ?   UK

HASTINGS, Eddie REF ID:A72354

Col. McCormack's trip to London:

"proper job was to give you full + intelligible
picture of ops here .. gave no true picture
whatever about what goes on here
(BIP)"

? BP Chart (Most Secret) - Captain
1943- p.75   Hastings = Deputy Director,
                              Operations

B.P Organizational Chart

Captain Hastings- Assistant Director
  Operations

~~F S Cream~~ History of SSA
  Captain Edward Hastings, British
    liaison Officer for GC&CS in
  Washington - 1942?

HEALY,   REF ID:A72354

1946- p 3

HEDDEN   REF ID:A72354

Wrote postcard to Hedden's

1943- p.158

HENDERSON, REF ID:A72354

- at B/P

1943 - p 54

HERME, see ~~Rene~~ ID (~~272354~~)

- stationed in Cairo, where he is
G-2 on British staff

1943- p. 55

HIGDON,   REF ID: A72354

SSU representative

1946 - p 40

HIGGS,   REF(MID):A72354

"-in charge at Legation"

1946 - pp. 33, 39

HIRSCH,

- State Dept maintenance man

1946 - p. 91

HISER, Charlie REF GID:A72354

in Frankfurt
- main part of ASA element in
  Germany was at Rüsselsheim ~~but I~~
  with Hiser as deputy but the
  resident chief of the facility there

1946 - pp. 52, 53, 66, 76

HOK, R.E. REF ID: A72354
(Cmdr.)

Construction of Ciphers (B/P Chart)

Secret - W.F.F prelim. rept.
code and cipher compilation
activities of OC+CS under Cmdr. Hok

1943 - p. 83

REF ID:A72354

- code + cipher compilation +
printing work performed at
Oxford by inter-service code
+ ciph compil. + reproduction
agency under Cmdr. Hok

HOPE, (M~~r~~) U.K

~~Bulletin~~ London

Head of Commercial Section, ~~GCCS~~
-located in Aldford House, a few blocks
from Berkeley Street
(McC's paper, p B48)
"Denniston's economic chief"

1943 - p. 18

REF ID:A72354

HUME, (REG) JID:A72354

-stationed in Cairo, where he is
G-2 on British staff

1943-p.55

- / -

INGLEBY,

at B/P - in break [2]

at # IV, 1 S.

1943 - p. 53

INGLES, Harry ~~(REENID)~~:A72354 ~~(K.S.)~~

– the C.S.O (Chief Signal Officer),
War Department

1943 – p. 5

JERVEY, Wm. W REF ID:A72354

1946 (WFF Box 1)
    Colonel, Signal Corps
    Chief, Army Pictorial Service

1943 - p.p. 95

JERVEL, Wes REF ID:A72354

1943- p.8

JOHNSON,   REF ID:A72354

-of RAF

- prob. not same as Johnston but
  maybe - really not sure!

1943- p 107

JOHNSTON,   REF (ID/CA) 72354 (Wing Cmdr.)

- at Air Ministry
~~setter~~ (wff prelim. rept)
of RAF Security group

1943- p 152

JOHNSON, Roy ~~REF (ID-JA~~)354   U.S?

- located at ETOUSA?
- maybe Roy D. Johnson - on duty at GCCS
beginning Nov 42 - served to some extent
as liaison officer (file-ref's w/ GCHQ 1940-45)
1943 - p.2

1st April 43 - back to SSA to organize, under Lt Col.
Rowlett, the Enigma Cryptanalytic Section
(had spent several mos. in GCCS Enigma section)

JONES, ERIC — ~~Reader~~ (Wing Cmdr.) ID: A72354

- at cocktail party at Tiltman's

In charge of Hut 3 at B/P
   - head "   "   "
   (Group Captain) → from secret Norland tape →
   (later Sir Eric Jones, Director GCHQ)
1943 - pp. 50, 75, 76
Ultra p. 45

: "watches sort, emend translate and
report E material, together with certain
naval material that comes to Hut 3. and
also, I believe, certain lower grade military
which comes in for fusion with E
intelligence"
(McC's paper - p. A70)

Intelligence Sections of Hut 3 are
called General, Military, Air and
Naval

Hutes

-K-

KAY, (REF. ID:A72354)

"assumes command? of ETOUSA"

1943 - pp. 20, 103

KESSLER, Alfred A RE(GID.) A72354

- in Stockholm
Brigadier General Alfred A.
Kessler, Jr., Military Attaché
and Military Air Attaché

1946 - pp 22, 24, 34

KOHLER, Hans (REE) ID:A72354

- of Arlington Hall

1946 - p. 110

-L-

LANAHAN, ~~REF (00147235)4~~

- live outside of Frankfurt

1945 - Maj. Gen., CSigO USFET
(WFE, Box1, Trips)

1946 - p. 57

LANE, Mary ~~(REF. ID:~~ A72354

-conference on Ticom matters
assigned to HQ ASA, Europe

1946 - p. 74

LAURIE, REF SID/A72)354

— of RAF intelligence side
   (at JAC conference)

1943 - p. 49

UK

de LAZLO, W.C.

- member of RAF?

1943 - p.26

LEE, (Gen) REF ID:A72354

C.A. SOS - ETO

.

1943 - p. 93

LEWIS, REF/MID: A72354
(Maj.)

-Connected with Enigma

-on the W/T side of picture.
(one of 2 subdivisions of)
-in charge of No 6 Intelligence School-
people detailed to Hut 6 (See No 6)
1943 - p.34

~~Secret~~ WFF report on "E" ops

Major Lewis briefed WFF on
Log Reading and Fusion Room

LIVELY, (L REF ID:A72354

1946 - p.78

Low,   ~~REF~~ (REF) ID:A72354

- works at B/P

1943 - pp. 48, 52, 62, 80

LYCETT,   REF (IDoA)2354   UK

represents liaison with MI-8
-head of W.O.Y.G.
secret WFF. prelim rept - Lycett
supervises Y activities of War Office

1943 - pp. 51, 72, 74, 98, 149

LYMAN, ~~~~~ REF CID.: A72354

~~head of an Eto Signals truck~~
- at ETOUSA (w/ Rumbough)

1943 - pp 2, 95, 107, 151

-M-

Stewart

~~Stuart~~ MENZIES , the C.S.S. (Chief
of the Secret Service or "C ")

.

1943 - p.4

MAIDMENT, - ', REF(~~IN~~ 2354 *Capt.*

person? (McC's paper, p. B 62)

- "Capt. NENK sent msg. to Maidment
~~to~~ for TRAVIS . .

~~secret~~ = us/uk liaison #0-45

reference to a "Major Maidment" re

Jap diplomatic solution work

(16)

1943 - pp 47, 55, 61, 9k, 105, 110

struck WFF "E" ops report
" sent gree̶t̶i̶n̶g̶ for captain
Mardment(?) in New York.. "

REF ID:A72354

U.S.

MARCUS, MikREF (IDC) 72354
(wife Barbara)

1946 - pp. 1, 87, 89

MARR-JOHNSON, ~~Ptt IO: A28/~~354

(from Delhi, India)
-at B/P
DMI for India?

1943 - pp. 23, 27, 31, 34, 72, 105, 113

MARSDEN, REF ID:A72354 U.K

-Worked for Denniston
  - Worked on J translation staff under
    White (McC's paper, p. B26)
  - was Military Attaché in Japan in 20's
  1943- p 17, 18

MARTIN,   REF(ED:)A72354

-works at secret political activity
 center at Woburn Sands

1943- p.62

McCLASKEY,   REF ID: A72354
-Woman
- in Berlin

1946, - p. 78

McCLELLAN, REF ID(A72)354

1943 - p.46

McCORMACK, Alfred (REF ID:A72354)   U.S.

1943-

   Deputy Chief MIS S.B.
   Clarke - Chief of SB
1944-
   Col. McCormack (Stimpson gave him commission
      as Col) - Director of Intelligence under MIS
   Clarke - Dep. Chief MIS War Dept.

   1943 - pp. 3, 7, 9, 13, 17, 20, 23, 27-29, 31, 33,
          36

   Director of Intelligence of the Military
   Intelligence Service (MIS), War Dept.
   during WW II

McVITTIE, REF ID:A72354

at B/P

MacVitty - heads Weather Section
(functions as part of Cooper's
section)

will not (prob.) prob. head of meteorological section

1943 - p. 29, 30, 31, 104

Weather Section REF ID:A72354
    has mission to break enemy +
Russian ciphers + are now working on
1 metereological systems
  (see McC's paper p A21)

MENZIES, Stewart (D.A.) 354 ~~REEF~~ U.K.

-Chief of the Secret Service (Ultra)

- Brigadier Sir Stewart Menzies, D.S.O., M.C.
Director Government Code and Cipher School,
London, England

MIKKELSON

MIKKELSON, REF ID:A72354

1943 - p.95

MILLIKEN,

- at Cal Tech

1946 - p 92

MINNA   REF ID:A72354

Wrote postcard to Minna

1943- p 158

MORGAN, REF CID: A72354 (Capt.)

- B/P research section

p. 43
pp. 29, 103

MORGAN, REF ID (Maj) :A72354

at BP research section
-discussed "Sturgeon" with him
secret/WFF prelim. rept — Maj. Morgan
is head of the research group under.
Col. Tiltman
1943 - pp. 28-29, 113

-N-

NENK, `(REF ID:A72354

-in 1-mil op at B/P
  (serving as secretary)

1943 p. 23, 47, 103

NESTLERODE, ~~HERBERT~~ ID:A72354

-on his way to Washington

1946 - p. 48

NORMAN, Frederic (REF Prof) : A72354

"on radar", Hut 3, B/P

- NORLAND tapes "sort of became specialist
  for all of the special weapons, ...anything
  considered to have possible bearing ⟶

1943- p. 79
WFF (Secret) "E" ops rept another section ⟶

on the German secret weapons.

under Prof Norman deals w/ technical
side of intercept in air warfare.
study E msgs re German radar system
+ how used to control night fighters in ops
against British night bombers

-O-

O'CONNOR, REF (IDG:A7)2354

Hastings Successor

1943 - p.75,

-ρ-

PAGE, Denys (REF. ID: A72354)

B/P Chart: 1505

Lewin pp. 112, 120

1943 - p. 114

PEABODY, Paul ~~REF (IDCA7)~~ 2354   U.S.

~~-at M.A.~~

~~Brigadier~~ General Paul E. Peabody,
Military Attaché, London, England

1943 - pp. 2, 7

PELTINGILL, REF ID:A72354

1946 - p. 78

PHILLIPS,   REF (I.D.:A72354

- Chief Signal Officer of Home
Forces

1943- p 95

PRITCHARD.   REF (ID: A72354   U.K.

- Lt. Col. Pritchard - under him is handled
German Police Traffic at PARK -
at BP . he is head of a section
called Four 1S, which also
includes Tunney and military
(other than air) ciphers other
than E (McC's paplage A-36)
1943 - p.32

Col Pritchard

head of No IV Intelligence School,
not a school but conducts
cryptanalytic activities on German
police Italian military +
problems of similar nature
outside E field

-Q-

-R-

R   .   REF ID:A72354

"R's adopted 1-time syst. in 1916-17"

1943- p. 19

RAYNSFORD,   REF (Col) A72354

— at Signal Office Center (Paris)
                Ave. Kleber

1946 - pp. 85, 108

U S

REDMAN,   REF (14-A) 2354

1953- Rear Admiral Joseph R. Redman,
       USN, Ret. (Box 4)

1943- p. 73,

REESE,   REF ID:A72354   U.K.

- worked for Denniston

(see Mel's paper, B21) B 45

1943 - p.17 $\Rightarrow$

"Scandinavian countries are "watched" by
Rees".

McC's Telegrams 21 May '43

Rees - Chief Administrative Officer
    at Denniston's
  "All Scandinavia is handled in
off moments by Rees, who is CAO "

RIVES, TOM   REF ID:A72354

1953- Brigadier General Tom C. Rives,
     USAF, Ret (Box 4)

1943 - p 46

ROBERTS, REF. (Brigadier) 10-A-72354 UK

-British Brigadier who is C Sig O
(Chief Signal Officer?) of British
Zone

1946 - p.57

RODGERSON,   REF ID (A72) 354

1943- p. 110, 114

RUMBOUGH, William S. REH ID. 0172354 U.S.

C.S.O. ETOUSA - Chief Signal
Officer, ETOUSA

1943 pp. 3, 55, 93, 151

Brigadier General William S. Rumbough
Signal Officer, ETOUSA,
London England

Russo,   REF (Appta) 72354

meets up with W.F.F. in Paris

1946 - pp 12, 13, 16

-S-

Sanford (in McC's let 20 May)
SANDFORD,   (Lt Col)

(from Brisbane, Australia)
- at BP

representing Australia Intelligence
Organization?

1943 - p.23
Secret - p ff prelim. rept.
Lt. Col. Sandford of the Central Bureau, Brisbane

SAINSBURY, REF ID(A12354

Mr. SAINSBURY heads Research Section
at Berkeley
. ~~BP~~ Research Section
- main current occupation of Re Sect is
Free French (Mcl'spaper. p B46)

~~MK3-p.29~~

SANSBURY, REF IP(1A72)354

at B/P - works for Tiltman

1943 - p.29

SEITZ, REF CD: A72354

- (old friend of Svensson + McCormack)

1943 - p. 10

SERVAES,   REF ID:A72354

- a chief on Admiralty Staff

1943 - p. 76

SHARKEY   (REG ID): A72354

   -at US Emb., Paris?

1946 - p. 14

SHEARER,   REF (100/A)72354

~~head of an ETO Sngs Branch~~

1943-pp. 95,107

SHINER, REF ID:A72354

at B/P - in traffic

IV 15.

1943 - p. 53

SMETANA REF (IDA) 2354

1946-pp. 53, 67

SMITH, Earnshaw ~~REF ID~~:A72354

Reference

-In Charge of Distrib and ~~Record~~

Center, GCCS

(DENNISTON's Deputy)

(see McC's paper, p. B8)

1943 - p. 17, 18

SMITH, Gilbert REF (Gupta) 72354

- in copper mine HQ in Soonntra
(114th Sig Svce Co.)

1946- p.53

SNOW, REF(ID):A72354

-on leave in Paris with Jessie Dent
(from Frankfurt)

1946 - p. 117   [this is Don Snow of
                      T541 - (1982)] !!

STEWART, Z. REF (IDt: A72354

- at U.S. Embassy, Paris
- ex 'A Hallite

1946 - pp 12, 87

STICE,   REF ID:A72354

~~head of an ETO Sigs Branch~~

1943- p.95

STRACHEY, ~~OREE~~ ID:A72354

- Went to Eton
  - Chief Cryptographer at GCCS(B.P)
    until 1942 when J H. Tiltman
    became Chief Cryptographer

1943 - p.113, 126

STRALTON, REF ID:A72354

-of Trinity College

1946 - p 80

STRONG, G REF (~~Dr. A72351~~ ~~eral~~)

-of the Army War Plans Division
(Purple - pp. 155-156)

- G2 for Gen Eisenhower - Hank.
Major General George V. Strong, Assistant
Chief of Staff, G-2 (Relations w/ GCHQ
1943 - p.28   1940-45 file)

G2- Eisenhower REF ID:A72354

KULLBACK, Solomon REF ID: A72354

- career in cryptography
- hired by Friedman in 1930

1943 - pp 18, 87

SVENSSON, ERIC REF ID:A72354 ——·—   U.S.
——— ——

Deputy Chief SIS ETOUSA

(longtime COMINT veteran)

1943 - p. 2, 39, 49

SWANBOROUGH, REF. SID (A)2374 Cmdr) 42

- at Cheadle Y Station

1943 - p. 139

SYFRET,   REF (Adm.) 2354

-vice chief of Admiralty Staff

1943 - p. 75

-T-

TAYLOR, Telford REF (IDA) 2354.   U.S

MIS S.B. - Military Intelligence
Service, Special Branch

1943 - pp. 1, 7, 8, 13, 23, 27, 29, 33, 35.
Lewin "(designated) Coordinator of the American
. Ultra effort in Europe "
to become "representative on policy"
between Arlington Hall + Bletchley
(or rather all of U.K)

official of G2 ~~Military~~ Intelligence
Department
Norland tapes ↑

UR

TESTER, Ralph (Maj.)

REF ID:A72354

~~Buillot~~ ~~of GC+CS~~
~~For~~ head of the "Testery," - under
administration of Military Wing
"receives + registers all incoming
Fish traffic, selects and forwards
material to the machine section ...
deciphers all messages for which →

1943-p 106

the keys are recovered, keeps
records of decipherments,
stereotypic messages, and
production, and prepares
production reports.

THOMPSON, REF (MID): A72354

- a VP of AT+T Co., who had just
returned from Moscow where he'd
attended the preliminary world
communication conference.

1946 - pp. 60, 97

THOMPSON, RE(M(JR))A72354

- head of 1-mil op at B/P

1943 - pp. 23, 105, 110

TILTMAN, John H. (Col.) Brig.   UK/US.

REF ID: A72354

1942- became Chief Cryptographer at
B/P

B/P Chief (also in charge of military
Wing)

1943- pp 11-13, 23, 27, 28-29, 36, 46, 50, 72, 81,
104, 113, 153

TOMLINS   REF ID:A72354   UK

-worked at GCCS

1943- p.18   -

TRAVIS, Edward (Commander)   U.K.

~~REF (ID:A712354)~~

Head, GCCS
(#2 to Denniston in 1930's)
  then Denniston (real founder of Ultra,
  posted back to London on other cryptographic
  duties (Ultra p 92)
1943 — pp. 3, 11, 12, 23, 25, 26, 31, 73, 153

Deputy Director (Services) GC+CS -1943

Travis took over in 1942 - Denniston

REF ID:A72354

Illness

- Commander of Bletchley Park

TURING, ~~KENNETH (U.S.A.)~~ ALAN: 2354

- built computer to help decrypt Enigma msgs (Purple 115.)

1943 - pp 43, 103, 104, 106 ⟹

Alan Turing- young, mathematical genius
who built worlds 1st electronic
computer, 'the Bronze Goddess'

TUTTE, W.T   REF ID:A72354

- at B/P Research Section

$\Rightarrow$
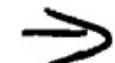
1943 - p.113

(Secret War-Enigma p 3½2) Brian Johnson

A mathematician, Wm Tutte, who was working
in a research section known at B/P as the
Testery - its Head was Major Testery also
managed to solve some of the Fish traffic
by laborious paper and pencil methods

-U-

-V-

VATERLEIN, REF ID:A72354 U.K

- Dean of cryptography, GCCS(london)

1943 - p. 19

VERKUYL, J A (Col) (REF) ID:A72354   Dutch

- Dutch intelligence officer who
recruited NSA employee Joseph
Peterson for espionage against
U.S. - not really true (over)

1943 - p. 4

(over)

from Codebreakers p 691.

- of Royal Netherland Indies Army
- worked at AH in WWII after which
returned to Holland
(- Peterson in contact w/ Steuyt (Dutch)
+ kept secret documents to show
him supposedly to help secure
communications of Dutch - but
prosecuted + served 4 years)

VINCENT, E.R. REF ID: A72354

at B/P - was prof. of languages (·It)
   at Cambridge (no GC+CS activities at
 - coordinator of research at Oxford)
B/P Chat - Coordination of Cryptography

1943 - pp 71-72, 75, 114, 117, 120

-W-

WALLACE, RE(Capt.)A72354

"ex A Hallites"

1946- p. 87

WARD,   REF ID:A72354

1946 - ρ 78

WARNER,   REF(CID:)A72354

-of AG in Pans

1946 - p.116

WEBSTER, REF ID:A72354

at B/P - in intelligence (?)
at ATV I.S.

1943 - p. 53

WELCHMAN, Gordon REF ID:A72354

- connected w/ Enigma
  Katharine
- Mrs. W is a Captain in ATS
  in F's report (Street) - Mr Welchman was ⟹
  charge of cryptanalytic ops in Hut 6
  1943 - p. 32, 34, 120, 135
  1943 Welchman became Assistant Director for
  Mechanization [A.D. (Mech)]

NORLAND tapes

— one of the British leading
personalities; under the Director —
planned the assault on the Enigma
machine + directed much of the

success.
TS - Rowlett · 1944
head of the Machine Section

WENGER, J   REF ID:A72354   U S

1955:

Rear Admiral Joseph N Wenger

Headquarters, U.S. European Command

WFF papers, Box 4

1952. Deputy Director, AFSA

1943- p. 73.

WHITE, Oswald REF ID:A72354 U.K

- ex Consul-General, Tientsin (China)

- in charge of J section
- ~~unit~~ head of Japanese Translation
  Section (MCC's paper, p B25) at Denniston's
  1943- p.18

U.K.

WHITE, — REF ID:A72354

1-commercial - part of Whites section

(McC's - #4232 p.7)

- worked for Denniston

1943- p 17

WHITE,   REF ID:A72354

- gave info during tour of B.P.

1943 - p. 16

WIEDEMAN, REF (ID: At) 354

- ex "A Hallite"
- on duty w/ Office of Foreign Liquidation
  Commission in Shanghai - but
  on TDY to Paris

1946 - pp. 87-88

UK

WILLIAMS, J. HREF(MID) A72354

- at War Office

B/P Chart
F.O. "Y" Stations
W6F Prelim. rept (SECRET) - in charge of
code + cipher compilation + distribution
for the Army
1943 pp ~~107~~, 111, 148

WIRT,   REF ID:A72354

Ellingworth's deputy

1943- p.102

U S.

WOLFE,   REF ID:A72354

1946 - p 3

WURTMAN, REF ID:A72354

~~at US Embassy London~~
- at OSS (Office of Strategic Services)

1943 - p.154

-X-

-1-