

## **Glossary of Abbreviations**

---

---

ACRP – Airborne Communications Reconnaissance Program

AFSA – Armed Forces Security Agency

AFSC – Armed Forces Security Center

AFSS – Armed Forces Security Service (Thailand)

AFSS – Air Force Security Service (USA)

ARDF – Airborne Radio Direction Finding

ARVN – Army of the Republic of Vietnam

ASA – Army Security Agency

ASAPAC HQ – Army Security Agency Pacific Headquarters

ASTD – ARVN Special Technical Detachment

C/A – Cryptanalysis

CAP – Combat Air Patrol

CARRS – Corps Advisory Radio Research

CCP – Consolidated Cryptologic Program

CCU – COMINT Contingency Unit

CIA – Central Intelligence Agency

CINCPAC – Commander-in Chief, Pacific

CJO – Coordinator of Joint Operations

CMA – Collection Management Authority

COMUSMACV – Commander United States Military Advisory Command, Vietnam

COMRADCO – Composite Radio Company (Marine Corps)

COMSEC – Communications Security

COSVN – Central Office, South Vietnam

CRC – Control and Reporting Center

CRD – Central Research Directorate

CSAW – Communications Supplementary Activity Washington

CTZ – Corps Tactical Zone

DARRS – Divisional Advisory Radio Research

EO 1.4. (c)

DCI – Director, Central Intelligence

D/F – Direction Finding

EO 1.4. (d)

DGTS – Directorate General for Technical Security

DIRNSA – Director, National Security Agency

DMZ – Demilitarized Zone

DPC – Danang Processing Center

DRV – Democratic Republic of Vietnam

DSU – Direct Support Unit

ELINT – Electronic Intelligence

FANK – Forces Armee Nationales Khmeres

GDRS – General Directorate Rear Services

HFDF – High Frequency Direction Finding

ICC – International Control Commission

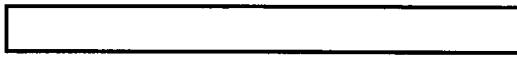
ICP – Indochinese Communist Party

I&W – Indications and Warnings

JOP – Joint Operating Plan

JPAG – Joint Processing Allocations Group

JSA – Joint SIGINT Activity



EO 1.4. (d)

JTF – Joint Task Force

LLVI – Low-level Voice Intercept

LNA – Liberation News Agency



EO 1.4. (c)

MAAG – Military Advisory and Assistance Group

MACV – Military Assistance Command, Vietnam

MAF – Marine Amphibious Force

MIS – Military Intelligence Section

MR – Military Region

MRDF – Medium-range Direction Finding

NIE – National Intelligence Estimate

NKAF – North Korean Air Force



NLF – National Liberation Front

NOG – NSA Pacific Operations Group

NRC – National Reunification Committee

NRV – NSA Pacific Representative, Vietnam

NSAEPI – NSA Emergency Plan for Southeast Asia

NSAPAC – NSA Representative, Pacific

NVA – North Vietnamese Army

OPSCOMM – Operational Communications

OPSEC – Operations (or Operational) Security

OSS – Office of Strategic Services

PACAF – Pacific Air Force

PACSTYRGN – Pacific Security Region

PAVN – People's Army of Vietnam

PFIAB – President's Foreign Intelligence Advisory Board

PIRAZ – Positive Identification and Radar Advisory Zone

PL – Pathet Lao

PRC – People's Republic of China

RFP – Radio Fingerprinting

RGM – Radio Group Mobile

RRB – Radio Research Battalion

RRC – Radio Research Company

RRD – Radio Research Detachment

RRFS – Radio Research Field Station

RRG – Radio Research Group

RRU – Radio Research Unit

RVN – Republic of Vietnam

SAM – Surface-to-air Missile

SAR – Search and Rescue

SEA – Southeast Asia

SEAPIC – Southeast Asia Processing and Integration Center

SEG – Saigon Exploitation Group

EO 1.4. (d)

SIGINT – Signals Intelligence

SIS – Signals Intelligence Service

SIT – Special Identification Techniques

SNIE – Special National Intelligence Estimate

SOD – Special Operations Detachment

SOG – Studies and Observations Group

SRDF – Short-range Direction Finding

SS – Security Squadron

SSG – SIGINT Support Group

SSO – Special Security Officer

SSTB – Special Security and Technical Branch

SUPRAD – Supplementary Radio Facility

SW – Security Wing

T/A – Traffic Analysis

TACC – Tactical Air Control Center

TEO – Technical Exploitation Organization

TRS – Technical Research Ship

TRU – Technical Research Unit

TWCC – Teaball Weapons Control Center

UHF – Ultra High Frequency

USIB – United States Intelligence Board

USIBCC – United States Intelligence Board COMINT Committee

Viet Minh – Viet Nam Doc Lap Dong Minh Hoi

VIMP – Vietnamization Improvement Modernization Plan

VNQKD – Viet Nam Quoc Dan Dang

VC – Vietnamese Communist or Viet Cong

VHF – Very High Frequency

## (U) Sources

---

---

### 1. (U) Primary Sources (Document Collections)

A. (U) *National Archives*. Records Group 457, the Records of National Security Agency, and Records Group 226, the Records of the Office of Strategic Services.

B. (U) *Records Collections at the National Security Agency*. A number of primary source holdings are located at the National Security Agency, Fort George G. Meade, MD.

- NSA/CSS Archives (NCA, Accession Number and Location)
- NSA/CSS Records Center (Box Number)
- Center For Cryptologic History Holdings (Series and Box Number)
- National Defense University Vietnam Holdings (Box Number)
- Anchory electronic database (Serialized SIG-INT Product, 1965 to Present)

### C. (U) Other Collections of Documents.

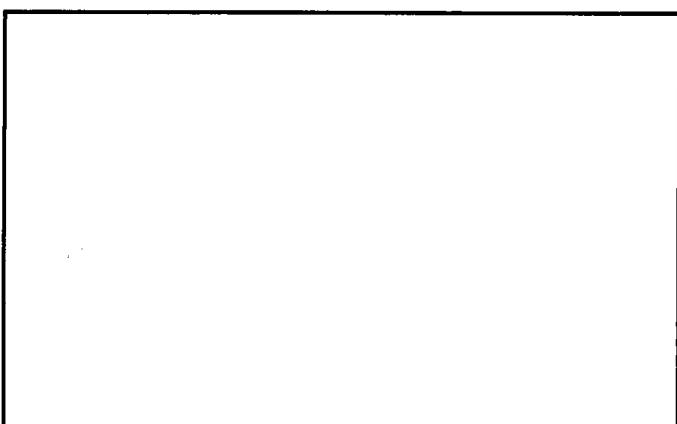
• (U) House Committee on Armed Services. *United States-Vietnam Relations, 1945-1967*. Study Prepared by the Department of Defense, 12 Volumes. Washington, D.C.: Government Printing Office. This is the unclassified version of the collection popularly known as the "Pentagon Papers." The House version does not include the documents from the peace negotiations attempted by various intermediaries between 1965 and 1967. Volume 12, *Peace Negotiations*, is the affected volume.

• ~~(TS)~~ Vietnam Task Force, Office of the Secretary of Defense. *United States-Vietnam Relations, 1945-1967*. Washington, D.C., 15 January 1969 (47 volumes).

• (U) Other editions of the *Pentagon Papers* are much less useful for research, though they still retain a utility for review. These versions include the four-volume Senator Gravel edition, *The Pentagon Papers: The Defense Department History of United States Decision Making on Vietnam* (Boston: Beacon Press, 1971), and the single-volume edition published by the *New York Times* in 1971.

• United States Department of State. *Foreign Relations of the United States (FRUSA)*. Washington, D.C.: U.S. Government Printing Office. There are many relevant volumes in this series which apply to the war in Indochina going back to the French war in 1952.

### 2. (U) Unpublished Internal Manuscripts



~~(TS//SI)~~ 509th Radio Research Group, *When the Tiger Stalks No More...The Vietnamization of SIGINT, May 1961-June 1970*. 1971.

OGA

(TS//SI) United States Army Security Agency History Advisory Group (SEAHAG), United States Army Security Agency Southeast Asia Cryptologic History. Arlington, VA: CI&H Division, ODCSSEC, Headquarters, Army Security Agency, 1 March 1968. Draft.

(TS//SI) Howe, George. "Historical Study of U.S. Cryptologic Activities in Southeast Asia, 1960-1963."

(TS//SI) \_\_\_\_\_. Narrative History of AFSA and NSA. Fort George G. Meade, MD: National Security Agency, 1959-1964.

### 3. (U) Oral Histories

OH 1995-38, Ralph Adams

OH-72, Lieutenant General Gordon A. Blake, USAF, 1972

OH 1988-01, [redacted]

OH 1999-74, [redacted]

OH 1982-25, Wilma Davis

OH 1981-05, [redacted]

OH 1993-26, [redacted]

OH 1999-66, Thomas Fogarty

OH 1984-12, [redacted]

OH 1986-04, [redacted]

OH 1999-77, Jack Gurin

OH 1997-07, [redacted]

OH 1980-22, [redacted]

OH 1988-09, Colonel Delmar Lang, USAF

OH 1995-08, [redacted]

OH 1987-33, [redacted]

OH 1994-38, [redacted]

OH 1993-17, Milton Zaslow

### 4. (U) Secondary Sources (Books and Articles)

(S//SI) In the late 1960s, as the war in Indochina began to de-escalate, the National Security Agency and the three Service Cryptologic Agencies jointly started a series of histories of the cryptologic aspects of the conflict, titled the Cryptologic History Series, Southeast Asia. A multivolume, chronological narrative was to be the centerpiece of the effort, along with studies of special events and parts of the war, such as the air campaign. The first volumes were published in 1969 and continued until 1971, when the effort was abruptly ended. Five volumes were published, while a few others reached manuscript form. Since 1971, only two books have been published on the cryptologic part of the war: [redacted]

[redacted] fine recounting of the Purple Dragon OPSEC effort and David Gaddy's excellent translation of the *History of the People's Cryptographic Bureau*. Why there should have been such a lack of interest of the largest single cryptologic effort since the Second World War remains unclear.

A. (U) Official and Classified Publications

(U) National Security Agency:

(TS//SI//NF) Betts, Donzel E., [redacted]

[redacted] Cryptologic History Series, Southeast Asia: *Working Against the Tide (COMSEC Monitoring and Analysis)* Parts One and Two. Fort George G. Meade: National Security Agency, June 1970.

(S//NF) Boak, David G. *A History of U.S. Communications Security* (2 Volumes). Fort George G. Meade, MD: National Security Agency, 1973.

(TS//SI) [REDACTED]  
United States Cryptologic History.  
[REDACTED] 1961-1971. Fort George G. Meade, MD: National Cryptologic School Press, National Security Agency, 1974.

(U) Gaddy, David W., translator and editor. *Essential Matters*. United States Cryptologic History, Special Series Number 5. Fort George G. Meade, MD: National Security Agency, Center for Cryptologic History, 1994.

(TS//SI//NF) Gerhard, William D. Cryptologic History Series, Southeast Asia: *In the Shadow of War (To the Gulf of Tonkin)*. Fort George G. Meade, MD: National Security Agency, June 1969.

(TS//SI) Howe, George F. United States Cryptologic History, Special Series Number 2. *Technical Research Ships, 1956-1969, An Historical Study*. Fort George G. Meade: National Cryptologic School Press, National Security Agency, undated.

(TS//SI) Johnson, Thomas R. *American Cryptology during the Cold War, 1945-1989. Book II: Centralization Wins, 1960-1972*. Fort George G. Meade, MD: Center for Cryptologic History, National Security Agency, 1995.

(TS//SI) [REDACTED]. *Book III: Retrenchment and Reform, 1972-1980*. Fort George G. Meade, MD: Center for Cryptologic History, National Security Agency, 1998.

(TS//SI//NF) [REDACTED] *Purple Dragon: The Origin and Development of the United States OPSEC Program*. Fort George G. Meade, MD: National Security Agency, Center for Cryptologic History, 1993.

(TS//SI) [REDACTED] NSA's Involvement in Foreign SIGINT Relationships Through 1993. Fort George G. Meade, MD: Center for Cryptologic History, 1995.

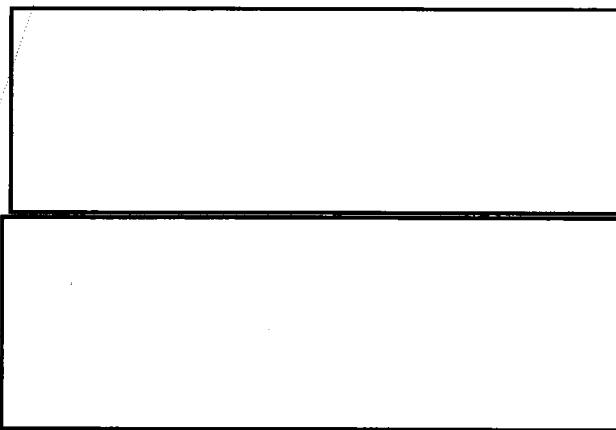
(TS//SI) Lukacs, Theodore. Cryptologic History Series, Southeast Asia: *Focus on Khe Sanh*. Fort George G. Meade, MD: National Security Agency, December 1969.

(TS//SI) [REDACTED] Cryptologic History Series, Southeast Asia: *Focus on Cambodia*, Parts One and Two. Fort George G. Meade, MD: National Security Agency, January 1974.

(TS//SI) Lutwiniak, William, editor. *Cryptolog Special Issue: Vietnam*. Vol. II, No. 10, October 1975.

(TS//SI) Thompson, Thomas N.; [REDACTED] Jesse E.; Gerhard, William D., Cryptologic History Series, Southeast Asia: *SIGINT Applications in U.S. Air Operations. Part One, Collecting the Enemy's Signals*. Fort George G. Meade, MD: National Security Agency, February 1972.

(U) Central Intelligence Agency:



OGA

B. Classified and Official Service Histories. All four services have published a number of histories of their efforts in the Indochina War. The following volumes proved especially relevant to this study.

(U) United States Army:

(U) Bergen, John D. *The United States Army in Vietnam. Military Communications, A Test for Technology.* Washington, D.C.: U.S. Army Center for Military History, 1986.

(U) Cash, John A., John Albright, and Allan W. Sandstrum. *Seven Firefights in Vietnam.* Washington, D.C.: United States Army, Office of the Chief of Military History, 1985.

(U) Clarke, Jeffrey J. *The U.S. Army in Vietnam. Advice and Support: The Final Years.* Washington, D.C.: The Center for Military History, 1988.

(U) Eckhardt, Major General George S. *Vietnam Studies: Command and Control, 1950-1969.* Washington, D.C.: Department of the Army, 1974.

~~(TS//SI)~~ Gilbert, James. *History of Army Airborne Radio Direction Finding Operations.* Arlington, VA: Historical Division, Army Security Agency, 1974.

(U) McChristian, Major General Joseph A. (Ret.) *Vietnam Studies. The Role of Military Intelligence, 1965-1967.* Washington, D.C.: Department of the Army, 1994.

(U) Myer, Lieutenant General Charles R. *Vietnam Studies: Division-level Communications, 1962-1973.* Washington, D.C.: Department of the Army, 1982.

(U) Rienzi, Major General Thomas Matthew. *Vietnam Studies: Communications-Electronics, 1962-1970.* Washington, D.C.: Department of the Army, 1985.

(U) Spector, Ronald. *The U.S. Army in Vietnam, Advice and Support: The Early Years, 1941-1960.* Washington, D.C.: Center for Military History, 1985.

(U) William Westmoreland, General USA. *Report on the War (As of June 1968): Section II, Report on Operations in South Vietnam, January 1964-June 1968.* Washington, D.C.: U.S. GPO, 1968.

(U) United States Navy:

(U) Hooper, Edwin Bickford, Dean C. Allard, and Oscar P. Fitzgerald. *The United States Navy and the Vietnam Conflict: The Setting of the Stage to 1959.* (Washington, D.C.: Naval History Division, Department of the Navy, 1976).

(U) Marolda, Edward J., and Oscar P. Fitzgerald. *The United States Navy and the Vietnam Conflict: From Military Assistance to Combat, 1959-1965.* Washington, D.C.: Naval Historical Center, Department of the Navy, 1986.

(U) \_\_\_\_\_. *By Sea, Air, and Land: An Illustrated History of the U.S. Navy and the War in Southeast Asia.* Washington, D.C.: Naval Historical Center, Department of the Navy, 1994.

(U) United States Air Force:

(U) Futrell, Robert F. *The United States Air Force in Southeast Asia: The Advisory Years to 1965.* Washington, D.C.: Office of Air Force History, United States Air Force, 1981.

(U) \_\_\_\_\_. *The United States Air Force in Southeast Asia, 1965-1973: Aces and Aerial Victories.* Washington, D.C.: Office of Air Force History, Headquarters USAF and the Albert F. Simpson Historical Research Center, Air University, 1976.

(U) Schlight, John. *The United States Air Force in Southeast Asia: The War in South Vietnam, the Years of the Offensive, 1965-1968.* Washington, D.C.: Office of Air Force History, United States Air Force, 1988.

~~(TS//SI)~~ Thompson, Thomas. *Special Historical Study: Development of USAFSS Capability in Southeast Asia.* (3 Volumes). San Antonio, TX: HQ USAFSS, 1963.

Volume 1: *Early Developments, 1955-1961.*  
Volume 2: *The Buildup, a Period of Experimentation, 1962.*  
Volume 3: *1963 - A Year of Difficulty.*

~~(TS//SI)~~ \_\_\_\_\_. *A Special Historical Study of SIGINT Support to Air Operations in SEA 1965.* San Antonio, TX: HQ, USAFSS, 1972.

~~(TS//SI)~~ \_\_\_\_\_. *A Historical Study of USAFSS SIGINT Support to the Teaball Weapons Control Center.* San Antonio, TX: USAFSS, 1974.

(U) Van Staaveren, Jacob. *The United States Air Force in Southeast Asia: Interdiction in Southern Laos, 1960-1968.* Washington, D.C.: Center for Air Force History, United States Air Force, 1993.

(U) United States Marine Corps:

(U) Shore, Captain Moyers S., USMC. *The Battle for Khe Sanh.* Washington, D.C.: Historical Branch, G-3 Division, Headquarters, United States Marine Corps, 1969.

(U) Shulimson, Jack, Lt. Colonel Leonard A. Blasoi, USMC, Charles R. Smith, and Capt. David A. Dawson, USMC. *U.S. Marines in Vietnam: The Defining Year, 1968.* Washington, D.C.: History and Museums Division, Headquarters, United States Marine Corps, 1997.

## 5. (U) Published Histories Relating to the Indochina War

Andrew, Christopher. *For the President's Eyes Only: Secret Intelligence and the American Presidency from Washington to Bush.* New York: Harper Perennial, 1995.

Basrrett, David M., editor, *Lyndon B. Johnson's Vietnam Papers: A Documentary Collection.* College Station, TX: Texas A&M University Press, 1997.

Cao Van Vien, General. *The Final Collapse.* Indochina Monographs. Washington, D.C.: U.S. Army Center for Military History, 1983.

Cohen, Warren L., and Nancy Bernkopf Tucker, editors, *Lyndon Johnson Confronts the World: American Foreign Policy, 1963-1968.* New York: Cambridge University Press, 1994.

Davidson, General Phillip (Ret.). *Vietnam at War.* New York: Oxford University Press 1988.

Divine, Robert. *Since 1945: Politics and Diplomacy in Recent American History.* New York: Alfred Knopf, 1985 (Third edition).

Donaldson, Gary A. *America at War Since 1945: Politics and Diplomacy in Korea, Vietnam, and the Gulf War.* Westport, Connecticut: Praeger, 1996.

Duiker, William J. *Vietnam: Nation in Revolution.* Boulder, CO: Westview Press, 1983.

Fall, Bernard. *Hell in a Very Small Place: The Siege of Dien Bien Phu.* New York: Da Capo, 1985.

Fitzgerald, Frances. *Fire in the Lake.* Boston: Little, Brown and Company, 1972.

Ford, Harold P. *CIA and the Vietnam Policymakers: Three Episodes, 1962-1968.*

- Washington, D.C: Center for the Study of Intelligence, Central Intelligence Agency, 1998.
- Gallaway, John. *The Gulf of Tonkin Resolution*. Rutherford Madison, Teaneck: Fairleigh Dickinson University Press, 1970.
- Ford, Captain Ronnie E., USA. *Tet 1968: Understanding the Surprise*. London: Frank Cass, 1995.
- Gibson, James William. *The Perfect War*. New York: Vintage Books, 1988.
- Goulden, Joseph C. *Truth is the First Casualty*. New York: James B. Adler Inc., 1969.
- Grinter, Lawrence E., and Peter M. Dunn, editors. *The American War in Vietnam: Lessons, Legacies, and Implications for Future Conflicts*. New York: Greenwood Press, 1987.
- Halberstam, David. *The Best and the Brightest*. New York: Random House, 1972.
- Hammer, Ellen J. *The Struggle for Indochina*. Stanford, CA: Stanford University Press, 1954.
- Herring, George C. *America's Longest War: The United States and Vietnam, 1950-1975*, 3rd Edition. New York: Wiley, 1979.
- Hersh, Seymour M. *The Price of Power: Kissinger in the Nixon White House*. New York: Summit Books, 1983.
- Kahin, George McTurman, and John Wilson Lewis. *The United States in Vietnam*. New York: Dial Press, 1967.
- Karnow, Stanley. *Vietnam: A History*. New York: Penguin Books, 1984.
- Kissinger, Henry. *American Foreign Policy*. New York: Norton, 1974.
- Lawson, Eugene K. *The Sino-Vietnamese Conflict*. New York: Praeger Publishers, 1984.
- Le Gro, Colonel William. *Vietnam from Cease-Fire to Capitulation*. Washington, D.C.: U.S. Army Center for Military History, Second Printing, 1985.
- McNamara, Robert S. *In Retrospect: The Tragedy and Lessons of Vietnam*. New York: Times Books, 1996.
- Michel, Marshall L. III. *Clashes: Air Combat over North Vietnam, 1965-1972*. Annapolis, MD: Naval Institute Press, 1997.
- Moise, Edwin. *Tonkin Gulf and the Escalation of the Vietnam War*. Chapel Hill: University of North Carolina Press, 1996.
- Oberdorfer, Don. *Tet: The Turning Point in the Vietnam War*. New York: DaCapo Press, 1971.
- Olson, James S., and Randy Roberts. *Where the Domino Fell: America and Vietnam, 1945 to 1990*. New York: St. Martin's Press, 1991.
- Palmer, General Bruce Jr. (Ret.) USA, *The 25-Year War: America's Military Role in Vietnam*. Frankfort. KY: University Press of Kentucky, 1984.
- Pike, Douglas. *PAVN: People's Army of Vietnam*. New York: Da Capo Press, 1991.
- Poole, Peter A. *Eight Presidents and Indochina*. Huntington, NY: Krieger Publishing, 1978.
- Prados, John. *The Blood Road: The Ho Chi Minh Trail and the Vietnam War*. New York: John Wiley & Sons, Inc., 1999.
- Prochnau, William. *Once Upon a Distant War: Young War Correspondents and the Early Vietnam Battles*. New York: Times Books, 1995.

Qiang Zhai, *China and the Vietnam Wars 1950-1975*. Chapel Hill: University of North Carolina Press, 2000.

Rochester, Stuart I., and Kiley, Frederick. *Honor Bound: The History of American Prisoners of War in Southeast Asia, 1961-73*. Washington, D.C.: Historical Office, Office of the Secretary of Defense, 1998.

Roy, Colonel Jules (Ret.) *La bataille de Dien Bien Phu*. Paris: Juillard, 1963.

Rust, William J. *Kennedy in Vietnam*. New York: Charles Scribner's Sons, 1985.

Schulzinger, Robert D. *A Time for War: The United States and Vietnam, 1941-1975*. New York: Oxford University Press, 1996.

Schwab, Orrin. *Defending the Free World: John F. Kennedy, Lyndon Johnson, and the Vietnam War, 1961-1965*. Westport, Connecticut: Praeger, 1998.

Shawcross, William. *Sideshow: Kissinger, Nixon, and the Destruction of Cambodia*. London: Fontana Paperbacks, 1980.

Sheehan, Neil. *A Bright Shining Lie: John Paul Vann and America in Vietnam*. New York: Random House, 1988.

Spector, Ronald. *After Tet: The Bloodiest Year of the War*. New York: Free Press, 1993.

Stanton, Shelby L. *Vietnam Order of Battle*. Washington, D.C.: U.S. News Books, 1981.

Thies, Wallace J. *When Governments Collide: Coercion and Diplomacy in the Vietnam Conflict, 1964-1968*. Berkeley, California: University of California Press, 1980.

Turley, William S. *The Second Indochina War: A Short Political and Military History, 1954-1975*. Boulder CO: Westview Press, 1986.

Van DeMark, Brian. *Into the Quagmire: Lyndon Johnson and the Escalation of the Vietnam War*. New York: Oxford University Press, 1991.

Wirtz, James J. *The Tet Offensive: Intelligence Failure in War*. Ithaca, New York and London: Cornell University Press, 1991.

Young, Marilyn B. *The Vietnam Wars, 1945-1990*. New York: Harper Perennial, 1991.

~~TOP SECRET//COMINT//X1~~

**This page intentionally left blank**

**(U) Index**

---

2nd Advanced Squadron (ADVON), see 7th Air Force – 140, 320, 331, 393, 400

3rd Radio Research Unit (RRU) – 123

5th RRU – 76, 78, 91

7th Air Force, relations with SSG – 115-116,

7th RRFS, see USM-7 – 395

7th RRU – 1

8th RRU, see USM-808 – 395, 406

8th Tactical Fighter Wing (TFW) – 250

[REDACTED]

70th Regiment (PAVN), see GDRS – 95

71st Regiment (PAVN), see GDRS – 96, 99, 112-116

303rd ASA Battalion, see USM-614 – 351

313th ASA Battalion, see USM-613 – 395

330th Radio Research Company, see USM-604 – 286, 315, 395

509th ASA Group, see USM-704 – 287

6922 Radio Group Mobile (RGM), later Security Wing (SW), see USA-57 – 139, 238

EO 1.4. (c)

[REDACTED]

6925th Security Squadron, Danang, RVN (Radio Squadron, Mobile (RSM)) – 73

[REDACTED]

[REDACTED]

6994th Security Squadron, see USA-29 – 292, 462

Abrams, Lieutenant General Creighton W. (USA) – 354

Adams, Sam – 109

Adrenalin, see Son Tay Raid – 263, 266, 278

Airborne Radio Direction Finding (ARDF) – 28, 30, 129, 131, 137-138

AG-22 – 256, 422

Agents Committees – 87

Aircraft

A-1H (Skyraider) – 216, 262

AD-6 – 133

B-26 (Marauder) – 133, 135

B-52 (Stratofortress) – 95, 98, 243

B-57 (Canberra) – 232

C-54 (Skymaster) – 131-132

C-130 (ACRP) – 113, 238

EB-66 – 248

EC-47Q – 452, 454-455

EC-121D (College Eye) – 253

EC-121K (Rivet Top) – 253

EC-121M (Big Look) – 248

EC-121T (Rivet Gym) – 262

F-4 (Phantom) – 243

F-8 (Crusader) – 229

F-105 (Thunderchief) – 232  
IL-14 (Crate) – 90, 238, 260  
IL-18 (Coot) – 260  
L-20A ( Beaver, also U-6A)– 130-131  
L-23 (Seminole) – 134  
MI-4 (Hound) – 238  
MIG-17 (Fresco) – 234, 241, 244-248, 254, 259-261  
MIG-19 (Farmer) – 259, 267  
MIG-21 (Fishbed) – 234, 245-246  
RC-47 – 77, 148  
RC-130 – 111, 113, 251  
RC-135 – 113, 263, 293, 430, 438, 440-441  
SR-71 (Blackbird) – 267  
T-28 (Nomad) – 135, 229  
UH-19 (Chickasaw) – 130  
Yak-18 (Max) – 216, 238  
Air Force Security Service (AFSS) – 43, 74, 76-77, 91, 111-114, 116, 139  
Air Force Special Security Officer (AFSSO) – 139  
AN/PRD-1 (D/F set) – 126  
AN/TRD-4,4A (D/F set) – 126  
Ap Bac, battle of – 135-137  
Arc Light missions – 243, 286, 360, 389  
d'Argenlieu, Admiral Georges Thierry – 10, 28

Arlington Hall Station (MS-1) – 18, 20, 76

Armed Forces Security Agency (AFSA) – 21, 24-26, 29-33,

Armed Forces Security Service (AFSS), Thailand – 43, 74, 76-77, 91, 111, 113-114, 116

[REDACTED]

Army Security Agency (ASA) – 17-18, 20, 91-93, 111, 114, 116, 373

Army Security Agency Pacific HQ (ASAPAC HQ) – 26

ARVN Special Technical Detachment (ASTD) – 392-393

Asian Communist Office, (ACOM, ACOM-4) – 63

[REDACTED]

[REDACTED]

EO 1.4. (d)

B-3 Front Command (PAVN) – 315

[REDACTED]

[REDACTED]

Bao Dai – 9, 13, 15, 49-50, 54, 56, 67, 169, 307

[REDACTED]

EO 1.4. (c)

Baron 52 (EC-47Q) – 452-455, 462

Barrel Roll – 106, 231

[REDACTED]

[REDACTED]

*binh tram* (BT) – 80, 99, 111-112, 115, 266

Binh Xuyen – 54-56, 59, 62, 70

Bolo, USAF deception operation – 241, 250-252

Buddhist crisis – 157

Bundy, McGeorge – 229-230

Cambodia (*Cambodge*) – 83, 86-87, 97, 102-103, 105, 241, 289, 306, 325, 344, 354-359, 361-362, 382-383, 387, 389, 396, 399, 411, 413, 418-419, 432-434, 436, 444, 448, 457

Cambodian People's National Liberation Forces (CPNLF) – 432

Cao Dai religious sect – 55, 59

Card, USS (CVE) – 172



OGA

Central Executive Committee (Lao Dong Party) – 64, 71, 86, 95, 104

Central Highlands – 58, 61, 63-64, 78, 126, 231, 283, 303-305, 313-315, 323-326, 328-331, 333, 335, 338, 341-343, 361, 387, 397, 416, 421, 424-430 437

Central Intelligence Agency (CIA) – 165, 224, 302-3, 309, 313-5, 318, 339-40, 346, 348, 372, 374-5, 381, 383, 394-5, 402, 404, 420, 422-3, 429, 436, 438-43, 446

Central Office, South Vietnam (COSVN) – 355, 357



EO 1.4. (c)



Collection management – 240, 286, 398

Combat Apple (ACRP) – 113-114, 263-264

Comfy Ears – 113

COMINT Contingency Unit (CCU), USAFSS – 139

Commando Lance – 111, 113-114, 293

Communist International (COMINTERN) – 5-6, 15, 25

Communications Intelligence (COMINT), U.S. – 8, 12-13, 17-18, 21, 24, 26, 29-32, 34, 38, 42-44

Communications Intelligence (COMINT), Vietnamese communist – 38, 387-394, 430, 445

Communications Security (COMSEC), U.S. – 29

Communications Security (COMSEC), ARVN – 116

Communications Supplementary Activity Washington (CSAW) – 17-18, 21

Composite Radio Company (COMRADCO) U.S. Marine Corps – 137-138

COMUSMACV Model Plan (1963) – 179, 194

Coordinator of Joint Operations (CJO) – 17



OGA

Con Thien – 305, 313-314

Corps Advisory Radio Research, (CARRS) – 398

Counterinsurgency Study (1961) – 120-122

Counterinsurgency Plan – 120-122

Cryptographic Bureau, Peoples Army of Vietnam – 104-105

Danang Processing Center (DPC) – 400

Dancer Program – 111, 381-382, 403, 442, 457, 460

Davidson, Brigadier Philip (USA) – 313, 319-321, 346, 348-351

Davis, Sp4 James T. (USA) – 127, 129

Decoux, Admiral Jean – 7



EO 1.4. (c)

Defense Attaché Office Technical Representative (DAOTR) – 416

Defense Signals Bureau (DSB) – 26



EO 1.4. (c)

EO 1.4. (d)

Demilitarized Zone (DMZ) – 66, 95, 97-98, 105-106, 112, 232

Democratic Republic of Vietnam (DRV) – 9, 13, 53, 61, 73-76, 78, 87, 89-90, 94-95, 97-98, 105, 107, 110-113, 116, 178



EO 1.4. (c)

Desoto Mission; see also Gulf of Tonkin – 4, 175, 178, 229, 231, 234, 236, 238, 240, 243, 248, 259, 262-264, 290-293, 295, 331, 424, 449, 457

[redacted]

EO 1.4. (c)  
EO 1.4. (d)

Diem, Ngo Dinh – 53-54

Dien Bien Phu – 28, 31-32, 34-40, 43-44, 49, 50, 86, 90, 320, 322-324, 349, 365, 383

Directorate General for Technical Security (DGTS), [redacted] - 371

Division Advisory Radio Research (DARRS) – 398

[redacted]

EO 1.4. (c)

Dong Khe – 22

Dong, Pham Van – 6, 49, 50, 58

Dulles, Allen – 64

Dulles, John Foster – 43, 49, 54

Durbrow, Ambassador Eldridge – 120-121, 123

Eagle Pull, evacuation of Phnom Penh – 433, 436-437

Easter Offensive (1972) – 268

ELINT (Electronic Intelligence – 253

Ely, General Paul – 40

Felt, Admiral Harry D. (CINCPAC) – 102

Five-year plan (1970), National Security Agency – 404, 408-409

Forces Armee Nationales Khmeres (FANK) – 432

Fountainebleu Conference (1946) – 20

Gasoline, intercept of DRV VHF communications – 239-240

Gayler, Admiral Noel, DIRNSA, CINCPAC – 433, 437, 439

Geneva Conference (1954) – 43, 49, 50, 54

~~TOP SECRET//COMINT//X4~~

Giap, Vo Nguyen – 6, 15, 19, 22-23, 25, 35-40, 42, 50, 84, 86

P.L. 86-36

[REDACTED]

[REDACTED]

General Directorate Rear Services (GDRS) – 93, 96, 99, 112, 116

EO 1.4. (c)  
EO 1.4. (d)

[REDACTED]

Group 125, Maritime infiltration – 102-103

Group 559, Ho Chi Minh Trail – 86, 94-95, 106

Group 759, Maritime infiltration – 86, 101-102

Group 959, Laos – 86-87, 90

Group 800 – 89

Gulf of Tonkin – 1, 3, 40, 113, 162, 175, 229, 290-293, 295, 331, 424, 449, 457

Gulf of Tonkin Resolution – 175

Gypsyweed – 107, 263, 266

Haig, Alexander – 213, 415

Hainan Island – 7, 188, 234, 256

Haiphong – 4, 7, 10, 11, 23, 28, 42, 44, 50, 57, 101, 189, 229, 237, 244, 269, 370, 413

Hammock – 247, 356

Hanoi – 1, 2, 4, 5, 8-11, 14, 18, 20-25, 27-28, 36-39, 42, 44, 50, 53, 57, 61-63, 66, 70, 71, 75, 77, 79, 84, 86-90, 94, 96-97, 100-106, 109-111, 115-116, 136, 177, 222, 230-239, 242, 244-247, 250, 252-256, 258-260, 262, 265-268, 270, 273, 275-276, 281, 283, 287, 296, 302, 304, 306-310, 313, 316, 322, 324, 326, 332-333, 335, 337-338, 341, 343-344, 346-349, 353-354, 357-358, 361-362, 366, 369-371 377-378, 380, 383-385, 387, 393, 403, 405, 406, 411-416, 419, 421, 423-428, 432, 436-439, 441 442, 448, 457-459, 461-462

[REDACTED]

P.L. 86-36

Hawkeye, Project, USAFSS – 133

Herrick, Capt. John J., USN – 175, 180-181, 186-187, 190, 193, 196-200, 202, 205, 209, 212, 225

[REDACTED]

Hilo Hattie (USAF) – 132-133, 140, 146

Hinh, General Nguyen Van – 54

[REDACTED]

EO 1.4. (c)  
EO 1.4. (d)

Ho Chi Minh – 2, 4, 5, 9, 11, 12, 14, 18-20, 25, 53, 62, 83, 89, 261, 449, 455, 463

Ho Chi Minh Trail – 1, 80, 83, 89, 94, 98, 105, 109, 113, 116, 147, 229-230, 232, 243, 266, 268, 283, 285-286, 303, 318, 345, 355, 399, 420, 424, 427, 455, 463

Hoa Hao religious sect – 55, 62, 68, 70

Hovey, Herbert S. – 129-130

Ia Drang Valley, battle of – 303-304

Indicators and Warnings (I&W) – chapter 7

Indochinese Communist Party (ICP) – 5, 25, 86

International Control Commission (ICC) – 92-93

Intersector V – 61, 63, 64, 86, 95, 105-106, 133

Iron Horse – 256, 277, 452

Invasion of Cambodia – 356, 361, 413, 457

J-2/MACV – 143-144, 319, 322

J7/Joint General Staff, [REDACTED] 374-376, 378-383, 390-393

Jian Jieshi (Chiang Kai Shek) – 6

Johnson, Ambassador Alexis – 75

Johnson, President Lyndon Baines – 116, 123, 175, 192, 194, 198, 257, 284-285, 301, 310, 325, 346, 348-349, 357, 369

Joint Operating Plan (JOP) – 17

Joint Processing Allocations Group (JPAG) – 17

## Joint SIGINT Activity (JSA) – 144

EO 1.4. (c)

Joint Task Force 116 – 75, 93

Kennedy, President John F. – 54, 64, 92

Kennedy, Lieutenant Colonel Jack E., USAF – 262-263, 265-266, 272, 278

Khanh, General Nguyen – 69

Khe Sanh – 139, 255, 301, 305, 308, 318-324, 329-331, 335, 337, 341-343, 347-349, 375, 406, 459-461

Khmer Rouge – 362, 432-434, 436, 447-448

Kissinger, Henry A. – 411-412, 414-415, 439, 444

Kit Kat – 4, 138, 184

Kong Le, Captain, RLA – 77, 90, 94

Lam Son 719 – 84

Landsdale, General Edward – 56

Lang Son – 22, 449

Lao Dong Party – 53, 64, 65, 67, 70, 71, 79, 85, 95, 100, 101, 102, 104, 109, 136, 302, 307, 328, 357-383

Las Pinas, Philippines, see USM-9 – 24, 26, 31, 73

de Lattre, General Jean de Tassigny – 23

Le Duan – 6, 62, 85, 109, 302, 309

Le Duc Tho – 275, 411, 414-415, 424, 432

Liberation News Agency – 134, 356, 358, 369, 379

Linebacker I – 258, 269

Linebacker II – 258, 412-413, 443

Lon Nol – 355, 362, 432, 447



EO 1.4. (c)  
EO 1.4. (d)

Low-level voice intercept (LLVI) – 375

Luang Prabang, Laos – 3, 9, 40, 87, 90, 92

*Maddox*, USS (DD 731) – 175-178, 180-181, 184, 186-198, 203, 205-208, 214, 216, 219, 221, 225-226



Market Time – 103

Martin, Ambassador Graham – 435-438, 440-441

McChristian, Brigadier General Joseph (USA) – 303, 346

McGarr, Lieutenant General Lionel, Commander U.S. MAAG – 120, 122

McNamara, Robert S. – 103, 175, 192, 198-9, 204, 207, 212-3, 218, 312

Medium-range direction finding (MRDF) – 126

Military Advisory and Assistance Group (MAAG), United States – 22, 63, 78-79, 89

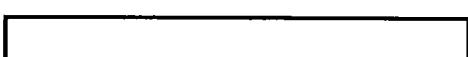
Military Assistance Command, Vietnam (MACV) – 94, 98, 104, 107, 109, 113, 115

Military Intelligence Section (PAVN) – 53, 90, 94-95, 97, 100, 105-107, 109-110

Monkey Mountain, Danang – 237, 239, 242, 246, 248-249, 253, 256, 263, 275

Montagnard – 1, 58-60, 62, 231

Mu Gia Pass – 95, 97



P.L. 86-36

“N-day” – 327, 329-331, 333, 335, 340-341

Nam Bo Regional Committee – 70, 86, 95, 102, 357

National Intelligence Estimate (NIE) – 22, 66

National Liberation Front (NLF) – 67, 70, 109

National Reunification Committee (NRC) – 71, 95, 104

National Security Action Memorandum (NSAM) – 288

National Security Agency (NSA) and

1961 SIGINT Plan – 122-3

communist cryptography – 31-35, 89, 104-5, 146-50

fall of Diem – 156, 158, 161-2

fall of Saigon – 440-442

infiltration – 110, 112-3

[redacted]  
relations with South Vietnam – 373-403

representative in Saigon – 142-4, 298, 400, 402, 405, 421, 425-7, 439-41, 444

Tet – 326-346

Vietnam history project – xiv-xv, 455-6

Naval Security Group (NSG) – 111, 178

[redacted]

EO 1.4. (c)  
EO 1.4. (d)

Nguyen Van Xuan – 13

Nguyen Huu Tho – 70

[redacted]

Nhu, Ngo Dinh – 133, 156, 158

Niagra, Operation (I, II) – 321-322, 328

[redacted]

EO 1.4. (c)

North Vietnamese Air Defense Forces – 420

North Vietnamese Air Force – 234

NSA Emergency Plan for Southeast Asia (NSAEPI) – 42

NSA Representative, Pacific (NSAPAC) – 52

NSA Pacific Operations Group (NOG) – 52

NSA Pacific Representative, Vietnam (NRV) – 144-145, 153, 155, 162, 295-296

[redacted]

P.L. 86-36

Olympic Torch, [REDACTED] – 270-274,279

EO 1.4. (c)

OPLAN 7-61 (Whitebirch) – 123

OPLAN 32-59 – 75

OPLAN 34A-64 – 182

OPLAN 37-64 – 138, 225

Operation LEA – 14

Office of Strategic Services (OSS) – 9

Pacific Security Region (PACSTYRGN) – 139

Paris Peace talks – 116, 150, 362, 443

Pathet Lao – 1, 73, 75, 86-90, 93-94, 106, 156, 237, 355-356, 370, 447, 454

Pattern analysis – 306

[REDACTED] EO 1.4. (c)

People's Republic of China (PRC) – 11, 49, 50, 53, 91, 93, 109, 417

Peterson, Col. Arthur, USA – 31, 47-48

Phoumi Nosavan – 90

Phu Bai, see USM-808 – 1, 111, 114, 116, 138, 229, 239-240, 282-283, 285-287, 290-291, 313-314, 319-320, 322, 331, 335, 337, 348, 395, 406

Pinas, Las, Philippines, see USM-9 – 24, 26, 31, 73

Plain des Jarres – 1

Pleiku – 28, 59, 60, 78, 138, 220, 231, 281, 286, 303-305, 324-325, 328-330, 332-333, 338, 341, 346, 395, 397, 422, 425, 427-431, 434-437

Pleiku Technical Center – 429-430

Polgar, Thomas, COS, Saigon – 416-417, 436-437

Positive Identification and Radar Advisory Zone (PIRAZ) – 246

President's Foreign Intelligence Advisory Board (PFIAB) – 246, 340

EO 1.4. (c)  
EO 1.4. (d)

Purple Dragon (OPSEC Study) – 389, 407

QRC-248 – 253, 255, 268, 272, 275

[REDACTED]

Queen Bee (ACRP) – 238, 241

[REDACTED]

EO 1.4. (c)

[REDACTED]

EO 1.4. (c)

Radio fingerprinting (RFP) – 26, 74

Red Crown – 243, 248, 269-270, 272-274, 276, 413

Rolling Thunder, 1965-1968 – 106, 230

Roosevelt, President Franklin D. – 8-9

[REDACTED]

EO 1.4. (c)

Sabertooth I – 459

Sabertooth II – 78, 418

Saigon Exploitation Group (SEG – 4

Saigon Conference, 1953 – 18, 47

Sarit, Thanara – 75-77

[REDACTED]

EO 1.4. (c)

[REDACTED]

EO 1.4. (c)

[REDACTED]

EO 1.4. (c)

Shining Brass – 83, 107

Short range direction finding (SRDF) – 126, 288

Signals Intelligence Service (SIS) – 7

Sihanouk, Prince (formerly King) Norodom – 1, 4, 355-356

Silver Dawn (ACRP) – 251, 271

[REDACTED]

Sisavong Vong, King (Laos) – 9

Skin Head radar – 187

Song Be, battle for – 426

Son Tay Raid – 261, 271, 278

Souphanaouvong – 75, 88-89

Southeast Asia Processing and Integration Center (SEAPIC) – 3

Souvanna Phouma – 77, 88, 89, 91, 230, 447

Special Identification Techniques (SIT) – 74, 134

Special National Intelligence Estimate, 14.3-67 – 312

Special Security and Technical Branch (SSTB), [REDACTED] – 371, 435

SIGINT Support Group (SSG) – 243

Starlight, Operation – 303

Studies and Observations Group (SOG) – 179

Supplementary Radio facility (SUPRAD), USN – 292

*Swatow*-class patrol boats – 183

T-stations (DRV) – 87-90, 94-95, 97-98, 102, 105, 107, 110-112, 115-116, 118

Tactical Air Control Center (TACC), Danang, RVN – 248

Taylor, Lieutenant General Maxwell (USA) – 143-144, 160

Tchepone, Laos (Muang Xepon) – 84, 97-98, 107

Teaball – 267, 271-276, 279, 413, 452

EO 1.4. (c)  
EO 1.4. (d)

EO 1.4. (c)  
EO 1.4. (d)

Teaball Weapons Control Center (TWCC) – 271, 279

Technical Exploitation organization (TEO), [REDACTED] 371, 443

Technical Research Ship (TRS), [REDACTED] 114

EO 1.4. (c)

Technical Research Unit (TRU) – 385

Technical Study Center, [REDACTED] 443

Tet Offensive – 150, 255, 299, 301, 308, 325-326, 328, 330, 335, 346-347, 349-351, 354, 394, 424, 459, 461

Thanh, General Mguyen Chi (PAVN) – 302-305, 3077, 328-329, 347, 351

Thieu, Nguyen Van – 411-412, 415, 417, 423-426, 430-431, 434, 437, 437

EO 1.4. (d)

[REDACTED] RVN – 372, 377

*Turner Joy*, USS (DD 921) – 190, 192-194, 196-199, 201, 206, 208, 219

[REDACTED]

Udorn, Thailand, see USM-7 – 78, 91, 93

[REDACTED]

United States Intelligence Board (USIB) – 78, 91, 122, 338

United States Intelligence Board COMINT Committee (USIBCC) – 122-123, 146, 155

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

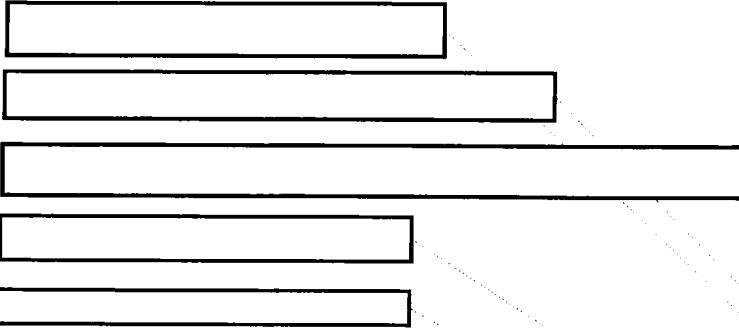
[REDACTED]

EO 1.4. (c)  
EO 1.4. (d)

USA-29: 7th RRFS, 6994th SS, Udorn, Thailand – 438, 462

USA-32: Det 2, 6925 SW, Danang, RVN – 278

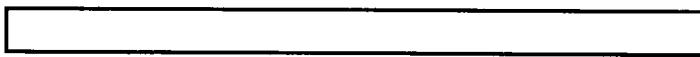
USA-57: 6922nd SW, 6925 SS, Clark AFB, Philippines – 73, 114, 166, 238



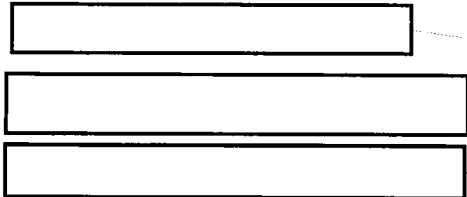
Redacted list of USA-57 locations, consisting of five horizontal black boxes stacked vertically.

USM-7: 7th RRFS, Udorn, Thailand – 438

USM-9: USASA 9 RRFS, Philippines – 24



USM-9K: Tan Son Nhut AFB, RVN, see USM-626 – 226



EO 1.4. (c)

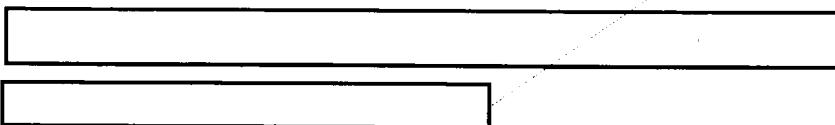
USM-604: 330th RRC, Pleiku, RVN – 395

USM-613: 313th ASA BN, Nha Trang, RVN – 395

USM-614: 303rd ASA Bn, Bien Hoa, RVN – 287, 294

USM-626: Ben Hoa, RVN, 3rd RRU, 82nd SOU – 226

USM-626J: Phu Bai, RVN, see USM-808 – 184, 239



USM-704: 509th ASA Group, Saigon, RVN – 395

USM-808: 8th RRU, 8th RRFS, Phu Bai, RVN – 239

USN-27: San Miguel, Philippines – 73

USN-27J: Phu Bai, RVN, (later USN-842) –3, 153

USN-414: 1st COMRADCO (later 1st Radio Battalion), Fleet Marine Force – 137, 184, 225-226, 228

USN-414T: Pleiku, Phu Bai – 138, 184, 225-226, 228

USN-467N: USS *Maddox* – 184, 225-226, 228-229

[REDACTED] USS *Oxford* – 331, 351 EO 1.4. (c)

[REDACTED] USS *Jamestown* – 114

Vann, Col. John P. (USA) – 135

[REDACTED]

Viet Cong – 1, 59, 63, 67, 69, 70, 86, 95, 100-102, 105, 119, 180, 229-231, 281, 283, 285-287, 299  
301, 308, 310-311, 313-314, 324-325, 327-328, 331, 333, 342, 344, 346, 358, 362, 371-372, 376  
378-380, 385-387, 406, 427-428, 462

Viet Minh (Viet Nam Doc Lap Dong Minh Hoi) – 1, 8-15, 17-44, 49-51, 53, 56-61, 71-72, 78-79, 84-  
87, 89, 96, 105, 307, 347

Vietnamization Improvement (and) Modernization Plan (VIMP) – 366

“Vinh window” – 110, 112-113, 115-116, 456

[REDACTED]

VNQKD (Viet Nam Quoc Dan Dang) – 4

Vulture (Vatour) – 40, 44, 349

Westmoreland, General William (USA) – 108, 231, 283-5, 302, 305-6, 309-17, 320-7, 322-4, 337,  
339-41, 343-4, 347-9, 357, 465

Weyand, General Frederick (USA) – 391, 439

Whitebirch (MRDF network) – 123-124, 126, 131-132, 156

“Wise Men” – 354