THE KEYWORD OPTION IN THE ANALYTIC
EARLY WARNING AND MONITORING SYSTEM

by

Marshall Pulley

and

Gerald W. Hopple

APPROVED FOR PUBLIC RELEASE;
DISTRIBUTION IS UNLIMITED

EARLY WARNING AND MONITORING PROJECT
Research Memorandum 79-1-61
September, 1979

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

International Public Policy Research Corporation • 6845 Elm Street, Suite 212, McLean, Virginia 22101 • 703/893-4840
THE KEYWORD OPTION IN THE ANALYTIC 
EARLY WARNING AND MONITORING SYSTEM

By
Marshall Pulley
and
Gerald W. Hopple

EARLY WARNING AND MONITORING PROJECT
Research Memorandum 79-1-61
September, 1979
Sponsored by
Cybernetics Technology Office
Defense Advanced Research Projects Agency
ARPA Order No. 3295
Under Contract No. N00014-79-C-0101
October 1, 1978 – September 30, 1979

Michael A. Daniels, Principal Investigator
(703) 893-4840

The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the Defense Advanced Research Projects Agency or the U.S. Government.

approved for public release
Distribution Unlimited

international Public Policy Research Corporation • 6945 Elm Street, Suite 212, McLean, Virginia 22101 • 703/893-4840
THE KEYWORD OPTION IN THE ANALYTIC
EARLY WARNING AND MONITORING SYSTEM*

The Early Warning and Monitoring System (EWAMS) now consists of three modules:

- The country-level indicator CAP (Country Activity Profile), the basis for a country scanning option which will be refined and expanded in the future;
- Analytic Indications and Warning (I&W); and
- Automated I&W

Those familiar with the system are aware that the analytic EWAMS provides to the user four basic options: tables; graphs; text; and keyword.¹ Extensive research and testing based on tabular, graphical, and textual output have been reported in previous research memoranda, technical reports, and sample output packages. The purpose of this memorandum is to highlight and illustrate the utility of the previously "neglected" keyword feature. Keyword is useful both as a "standalone" option (i.e., independently of the other analytic options) and as an adjunct or supplement to the text, plots, and tabular options. This memorandum discusses the function of keyword, provides an overview of its uses, and presents sample output for a variety of actors and contexts.

Keyword and Information Retrieval

Early accounts of keyword approaches to processing textual information in quantitative political research (e.g., Janda, 1969) assumed that

*We would like to thank Brenda Bell for her earlier comments and John Kwon for his helpful research assistance. Thanks also to Jean Nieroski for typing the memorandum.

¹The change (input parameters) option is also available.
keyword computer programs were useful for information retrieval purposes. However, the focus was narrow in the sense that envisioned applications revolved around automatic (keyword) indexing of bibliographic material and similar research-aiding functions. As Janda (1969: 198) noted, such indexes are easily and inexpensively generated, easily updated, and convenient to use.

The use of the keyword technique for actual research (i.e., as a methodology for generating data bases to analyze) is a second and equally fundamental application. The well known General Inquirer program for content analysis (see Stone et al., 1966) exemplifies this thrust. The latter program constituted the basis for the Stanford Studies in Conflict and Integration Project, a massive effort which entailed the content analysis of historical documents from the prewar crisis of 1914 (see, e.g., Holsti, 1972).

One of the primary sources of political data, in fact, is the public (and--when available--private) statements of political elites. Many of the items in the EWAMS data base--WEIS or the World Event Interaction Survey--are such public utterances (comments, threats, accusations, etc.). The WEIS data bifurcate into verbal and physical behavior; both forms can be content analyzed in terms of issues, themes, actors, and other potential units of analysis.

The keyword option is designed to perform keyword-based content analyses of the WEIS/EWAMS data. As has been emphasized in earlier EWAMS reports, the Early Warning and Monitoring System features three basic functions: information retrieval; international relations tracking or monitoring; and crisis and conflict warning. Keyword is especially relevant to the information retrieval dimension.

The keyword option reflects the progress that has occurred in the computer technology for processing textual information. In his discussion, Janda (1969: 193) described the process as follows:
The computer decides what constitutes a keyword in one of two ways. It can be instructed either to refer to a list of keywords prepared in advance by the researcher, or to a list of words that are not to be considered keywords. In the first case, the computer looks at every word contained in the title of the publication and compares it with its own stored list of keywords. . . . The process operates in a comparable way when a list of non-keywords is used: the computer includes the word in the index only when the word does not appear in the list. [Emphases in the original.]

In EWAMS, the keyword search procedure is structurally more simple and considerably more flexible in terms of user interests and needs: any word or phrase may be input as a keyword (or set of keywords). The user may also specify or as well as and relationships (e.g., keyword X or keyword Y; keywords X and Y).

Uses of the Keyword Option

The keyword option has two fundamental uses: basic and applied research. In terms of basic inquiry, the keyword capability permits quantitative content analysis via keyword-based searches of the WEIS data base of EWAMS. For example, if a basic researcher were interested in the dynamics and trends which have characterized the human rights issue area from 1966 on for theoretical reasons, it would be easy to generate all WEIS events which refer to human rights. This could be done for given sets of countries or regions, for a single country (through an actor X-World run), or for the entire world for a given time frame (through a World-World run in the JCS regions option).

Another example is the possibility of conducting keyword searches for the appearance of decision-maker values. Hopple (1980), using Foreign Broadcast Information Service (FBIS) speeches by and
interviews of heads of state and foreign ministers in almost 40 countries, reports findings regarding the incidence and impact on foreign behavior of 18 terminal values (freedom, equality, national security, etc.). The keyword option in the analytic EWAMS affords researchers the capability of conducting inexpensive, efficient, and (relatively) rapid computerized searches for any such set of terms.

For the intelligence analyst, keyword is also extremely useful. The quantitative information in the EWAMS is displayed in tabular and graphic forms; a variety of indicators are reported and can be analyzed. EWAMS also contains a wealth of qualitative information, which can be accessed and studied via the text and/or keyword options.

A specific example is the capability of tracking a particular issue or personality across time. The user tasked with sub-Saharan Africa may wish to see how often and in what contexts the terms guerrilla, sanctions, and apartheid explicitly appeared in textual items involving such actors as South Africa, Rhodesia, Britain or the U.S. (vis-a-vis one of the above), and/or one or more of the "front-line" states (e.g., Angola, Zambia, Mozambique) or relevant subnational or liberation actors (Zimbabwe, SWAPO, etc.) in relation to the white-ruled powers of southern Africa. An analyst interested in Cuban involvement in the Third World could construct a Special Purpose Region (e.g., Ethiopia, Angola, etc.) consisting of nations to which Cuba has sent arms or troops and retrieve all items of a certain nature involving Cuba and the SPR. These are just two of many conceivable close keyword searches for the retrieval of information regarding issues, actors, or personalities across time.

A second illustration is the possible use of the keyword option for retrieving current and recent textual items without having to look at all of the text. At the end of the month, for example, a user could enter relevant keywords and thereby narrow the output to only those subjects of direct interest.²

²This is also a useful way for determining if any events of that nature even occurred during the time period of interest.
A third way to use keyword is as a supplement to historical searches. Historical search, a feature of automated I&W, permits a user to obtain indicator readings for any country pair or set of regions in the world. As a concrete illustration, suppose an analyst conducts a search for the Western Europe and Mediterranean (WEM) JCS region and Eastern Europe and the Soviet Union (ESU) for the year 1968, using the total activity indicator and a fairly high threshold. If it is discovered that the indicator crossed the latter for many months, the user could determine the extent to which the USSR-Czechoslovakia crisis and invasion accounted for this by doing a keyword search for Czechoslovakia.

A fourth illustration of the utility of the keyword option concerns in-depth case studies of a particular country, country pair, or region. The various options in the analytic and automated EWAMS yield complementary sets of information. As noted, tabular and graphical output reports quantitative information, as do the major components of automated I&W (conflict hotspots lists, monitoring and crisis warning alerts, and historical searches). The textual and keyword options, in contrast, supplement and qualitatively illuminate the data and indicator readings. For detailed analyses of a country pair retrospectively or in a real-time mode, users will probably find it advisable to utilize all of the analytic and automated options.

Keyword searches can be pertinent to background or "basic" intelligence research (i.e., research on relatively static or unchanging situations) as well as to current intelligence analysis or "I&W" (which focuses on the next 24-48 hours). The applications of keyword to the background operational environment research context is well illustrated by the examples discussed above and by the sample output in the following section. Current intelligence needs are obviously facilitated since EWAMS has become real-time (or very near to real-time) in nature; an analyst interested in a particular keyword search can now access the New York Times (NYT) data base in EWAMS for a period of within 24 to 48 hours of the current date and look at extremely recent
textual output. With the transfer of the NYT data collection operation from the West Coast to IPPRC, the NYT data should become genuinely real-time in nature.\(^3\)

**Sample Output**

The user conducts keyword searches by simply selecting the keyword option from the basic menu in analytic E4AMS (after processing has been completed). The WEIS event type list is then displayed, showing the 22 discrete cooperative and conflict categories. The user may select all or some types (i.e., all cooperative events, all conflictual events, all events, or a combination) or he may press RETURN for help. The help routine specifies the rules for keyword searches. The keyword expression is then entered and dates are specified.\(^4\)

After processing, the actual text items which contain the user's keyword(s) are displayed. It should be noted that processing time can be reduced or minimized by selecting a subset of the 22 event/interaction categories. This is why the list of the 22 appears and the user is offered the option. A user who wants to look at all categories for a given country pair and keyword expression may of course select "all events."

Keyword expressions may consist of single words (e.g., MISSILE) or phrases (e.g., ARMS CONTROL). If there is more than one word or phrase, they must be linked by commas (,) or ampersands (&). Commas are treated as "or" connectors; the expressions SALT, ARMS CONTROL would instruct

\(^3\)Unfortunately, this is not feasible with the Manchester Guardian (MAG) source; the time lag will, however, be reduced to the minimum.

\(^4\)The specification of time parameters may seem superfluous, since the user has already identified the input parameters (before processing). However, this allows the user to specify a more delimited time period; for certain keywords, output for a long time period would be voluminous. The other parameters (actor, flow, time increment, source) remain the same as the ones which were entered at the initial parameter specification stage.
the system to retrieve text containing one or the other term. Ampersands are treated as "and" connectors; the expression NKOMO & MUZOREWA would lead to the retrieval of only those text items containing both keywords.

Several caveats should be noted. First, the keyword expression (including connectors) cannot exceed 40 characters in length. Secondly, the keyword routine searches for only the actual expression; in many cases, it is advisable to input the singular or plural forms of a term (e.g., guerilla, guerillas). Thirdly, the user should familiarize himself with the idiosyncracies of WEIS textual conventions. For example, country names in textual items are often referred to by their three-letter WEIS code (e.g., CZE for Czechoslovakia); certain standard abbreviations are often employed (e.g., DM for Defense Minister, DOS for Department of State, etc.). A user who wants to conduct a keyword search involving country names or commonly abbreviated terms should enter both the full name and the abbreviated version.

Sample output for the keyword option comprises the remainder of this memorandum. In case I, which illustrates the option per se, the user initially selects crisis (analytical I&W) and in this particular case selects MAG (Manchester Guardian). Then the actor type is selected (a country and a region, in this instance) and the regional options are displayed. The user chooses Rhodesia (rho) and the World (wor) at the input parameter stage and requests monthly data, a two-way flow, and the time frame 781231-790831. After processing, the number of events display, and probabilities, the user asks for the keyword option and the event type list is then automatically shown. The help routine (optional) describes keyword and the user then inputs the expression and desired dates. After processing and processing completed, the actual keyword-based output appears. At the end of that, the user is

5It should be noted that certain final changes are being planned for keyword; these, however, will be minor in nature.
given the opportunity of conducting another search if he so desires. In this particular instance, he responds "no," is automatically returned to the analytic menu, and selects end.

Case II below illustrates a keyword analysis for Vietnam and the World for the phrases refugee or refugees or boat people for the period 790101-790831. In case III, all events are retrieved for Rhodesia and Zimbabwe (two-way flow, 780101-781231) for the keyword names Muzorewa or Nkomo. The expressions guerilla or guerillas, or terrorist or terrorists, comprise Case IV for the PLO and the World (two-way flow, 790101-790831). For Case V—the keyword apartheid and South Africa to the World (two-way flow, 660101-661231)—no events were found. Case VI presents all of the text items in the data base for sanction or sanctions for Rhodesia and the World (two-way flow, 660101-721231).
CASE I

EARLY WARNING AND MONITORING SYSTEM

*** MASTER MENU ***

crisis - (analytical I&W)
auto - (automated I&W)
cap - (country activity profile)
end - (terminate execution)

Type option after (%) for execution.

% crisis

% end

Specify data source to be used:

1. New York Times (660101 to present)
2. Manchester Guardian (781032 to present) 2
Are your actors:
1. Countries
2. JCS regions
3. Both

*** REGIONAL OPTIONS ***

JCS REGIONS
1. North America (NSA)
2. Central and South America (CSA)
3. Western Europe—Mediterranean Atlantic (WEM)
4. Eastern Europe—Soviet Union (ESU)
5. Middle East and North Africa (MEA)
6. East Asia and Pacific (EAP)
7. South Asia and Sub-Saharan Africa (SAS)
8. World (WOR)
9. Special Purpose Regions (SP1 and SP2)

Do you want a list of actors in a region(y/n)?y
*** REGIONAL OPTIONS ***

JCS REGIONS

1. North America (NAM)
2. Central and South America (CSA)
3. Western Europe—Mediterranean Atlantic (WEM)
4. Eastern Europe—Soviet Union (ESU)
5. Middle East and North Africa (MEA)
6. East Asia and Pacific (EAP)
7. South Asia and Sub-Saharan Africa (SAS)
8. World (WOR)
9. Special Purpose Regions (SP1 and SP2)

Select a country and a region (usa, mea): rho, wor

Specify activity flow:
  0. one way (rho >>) wor
  1. one way (rho <<) wor
  2. two way (rho <-> wor)

Select time increment:
  1. daily
  2. weekly
  3. monthly
  4. quarterly
  5. yearly

Set time parameters (750101-771231): 781231-798331

Do you wish to use special purpose indicators? (y/n): n
Number of events found: 172

Do you desire 30 day probabilistic forecasts (y/n)? y

<table>
<thead>
<tr>
<th>Date</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>781231</td>
<td>0.10</td>
</tr>
<tr>
<td>792201</td>
<td>0.23</td>
</tr>
<tr>
<td>792301</td>
<td>0.18</td>
</tr>
<tr>
<td>793402</td>
<td>0.18</td>
</tr>
<tr>
<td>796501</td>
<td>0.18</td>
</tr>
<tr>
<td>798501</td>
<td>0.23</td>
</tr>
<tr>
<td>798702</td>
<td>0.10</td>
</tr>
<tr>
<td>798501</td>
<td>0.18</td>
</tr>
</tbody>
</table>

Press RETURN to continue.
SYSTEM OPTIONS:

- tables  (tabular output)
- plots   (graphical output)
- text    (textual output)
- change  (change input parameters)
- keyword (text by keyword)
- menu    (return to master menu)

Type option after (%) for execution.

% keyword

*************** Event Types ***************

Cooperative Events:
- 01 Yield (YLD)
- 02 Comment (CMNT)
- 03 Consult (CONS)
- 04 Approve (APPR)
- 05 Promise (PRMS)
- 06 Grant (GRNT)
- 07 Reward (REJ)
- 08 Agree (AGRE)
- 09 Request (RQST)
- 10 Propose (PROP)

Conflictual Events:
- 11 Reject (RJCT)
- 12 Accuse (ACUS)
- 13 Protest (PROT)
- 14 Deny (DENY)
- 15 Demand (DMD)
- 16 Warn (WARN)
- 17 Threat (THRT)
- 18 Demonstrate (DEMO)
- 19 Reduce (REDU)
- 20 Expel (EXPL)
- 21 Seize (SEIZ)
- 22 Force (FORC)

Please Specify Event Types:

1. All cooperative events
2. All conflictual events
3. All events
4. Combination

Enter Keyword expression or press RETURN for help:
1. Keyword expressions can be comprised of words, e.g., MILITARY or phrases, e.g., ARMS CONTROL.

2. Several words or phrases in a single keyword expression must be linked by commas (,) or ampersands(&).

3. Commas are treated as "or" connectors. If the user entered the keyword expression MILITARY, ARMS CONTROL all text containing either the word MILITARY or the phrase ARMS CONTROL would be retrieved.

4. Ampersands are treated as "and" connectors. If the user entered the keyword expression MILITARY & ARMS CONTROL all text containing both the word MILITARY and the phrase ARMS CONTROL would be retrieved.

5. If commas and ampersands are entered in a single keyword expression, parentheses must be used as separators. Valid keyword expression: PLO,(TERRORIST,UNITED STATES). Invalid keyword expression: PLO, TERRORIST,UNITED STATES.

6. The keyword expression, including connectors, cannot exceed 40 characters in length.

Enter Keyword expression or press RETURN for help:

Sanction, sanctions

Specify dates (669101-669439): 781231-793331
PROCESSING

PROCESSING

COMPLETED

Press RETURN to continue
the UN Security Council declares the internal elections in Rhodesia to be null and void and says that UN members should strictly observe economic sanctions imposed on the country.

USA, the US government denies that the US has received any formal threat from Nigeria to cut off oil supplies if sanctions on Rhodesia are lifted.

UK, UK Prime Minister Thatcher forecasts that economic sanctions against Rhodesia will not be renewed in November.

Do you want to perform another keyword search (y/n)?

SYSTEM OPTIONS:

- tables - (tabular output)
- plots - (graphical output)
- text - (textual output)
- change - (change input parameters)
- keyword - (text by keyword)
- menu - (return to master menu)

Type option after (%) for execution.

% menu
EARLY WARNING AND MONITORING SYSTEM

*** MASTER MENU ***

crisis - (analytical I&W)
auto  - (automated I&W)
cap   - (country activity profile)
end   - (terminate execution)

Type option after (%) for execution.

% end
CASE II

actor: vtn, wor
flow: vtn <<< two-way flow >>> wor
time parameters: 790181-790331
event types: all events
keyword expression: REFUGEE, REFUGEES, BOAT PEOPLE

-----

0

phi, vtn as seen fa's call on vietnam, cambodia, and laos to establish transit centers under the un high commissioner for refugees auspices to receive the refugees back.

0

unk, vtn uk pm thatcher strongly attacks the vietnamese government, describing it as a callous, cold, cruel dictatorship whose casting of thousands of refugees to sea is a never-to-be-forgotten example of a communist regime in action.

0

gw, vtn west germany cancels its plans to give vietnam nearly 25 million pounds in development aid and will donate the money instead to the care of vietnamese refugees.

0

chn, vtn at the geneva conference on refugees, chinese vice fm yang accuses vietnam of "a man-made disaster" and of "genocide" referring to the boat people.

Page full... press RETURN to continue
actors . . . . . . vtn, wor
flow . . . . . . vtn <<< two-way flow >>> wor
time parameters . . 790181-790031
event types . . . . all events
keyword expression . REFUGEE, REFUGEES, BOAT PEOPLE

790629 20152816 0
can, vtn at the tokyo conference, the us, japan, britain, france, west germany, italy, and canada call on vietnam to stop immediately "the disorderly outflow of refugees."

79072858 94316 0
ins, vtn asean fm's call on vietnam, cambodia, and laos to establish transit centers under the un high commissioner for refugees auspices to receive the refugees back.

79072858 94316 0
mal, vtn asean fm's call on vietnam, cambodia, and laos to establish transit centers under the un high commissioner for refugees auspices to receive the refugees back.

c9972858 94316 0
tai, vtn asean fm's call on vietnam, cambodia, and laos to establish transit centers under the un high commissioner for refugees auspices to receive the refugees back.

79072858 94316 0
sin, vtn asean fm's call on vietnam, cambodia, and laos to establish transit centers under the un high commissioner for refugees auspices to receive the refugees back.

Page full... press RETURN to continue
At the Tokyo conference, the US, Japan, Britain, France, West Germany, Italy, and Canada call on Vietnam to stop immediately "the disorderly outflow of refugees."
Singapore PM Lee says that the flood of boat people coming out of Vietnam has turned into "a great game between the Soviet Union and China, with Vietnam as the third player at the table."

Malaysia and Indonesia decide not to negotiate with a visiting Vietnamese delegation over the Indochinese refugee problem.

Malaysia and Indonesia decide not to negotiate with a visiting Vietnamese delegation over the Indochinese refugee problem.

At the Tokyo conference, the US, Japan, Britain, France, West Germany, Italy, and Canada call on Vietnam to stop immediately "the disorderly outflow of refugees."

Page full... press RETURN to continue
**TEXT**

actors . . . . . . . vtn, wor
flow . . . . . . . vtn << two-way flow >> wor
time parameters . . . 790101-790331
event types . . . . . all events
keyword expression . . REFUGEES, REFUGEES, BOAT PEOPLE

790626399 01816 0
uno, vtn vietnam and the un high commissioner for refugees sign an agreement whereby a system of airlifts will be provided only for those refugees who have been able to secure a guaranteed place for resettlement in a country of permanent refuge.

790626399 02816 0
uno, vtn the un high commissioner on refugees and vietnam announce an agreement on a memorandum of understanding concerning people who want to leave vietnam.

79061633121816 0
sin, vtn singapore pm lee kwan yew accuses the vietnamese government of flooding the asean (association of southeast asian nations) region with refugees who would have the effect of undermining the stability of the nations in that region.

790626399 02816 0
sin, vtn singapore pm lee kuan yew says that vietnam has deliberately loosened the flood of boat people and other refugees upon its neighbors in southeast asia to destabilize them and make them ready for a communist takeover.

Page full . . press RETURN to continue

COMPLETED

Press RETURN to continue
Australia accuses Vietnam of officially sanctioning the mass exodus of the boat people.

Philippine government security forces seize boatload of 72 Vietnamese refugees who sailed into a tightly guarded oil exploration zone off central Philippines.

Vietnam and the UN high commissioner for refugees agree to establish working groups to deal with the technicalities of implementing the UN proposals which Vietnam has accepted in order to reduce the number of "boat people."

UN and Vietnamese government leaders hold talks in Hanoi on the situation in Indochina and the plight of Indochinese refugees.

The British foreign office summons a senior member of the Vietnamese embassy to discuss the refugee problem.
actors rZim  
flow rZim  
time parameters 781101-781231  
event types all events  
keyword expression MUGABE, NKOMO  

7818035222554 30  
rho, zim Rhodesia launches an air attack against a transit camp run by Nkomo's Zipra army just 12 miles outside the capital.

781821554 2352 30  
zim, rho Zimbabwe's Joshua Nkomo, co-leader of the Patriotic Front, says that yesterday's Rhodesian raid on his camp had ended any chance of settling the conflict through negotiation.

7818255222554 30  
rho, zim Rhodesian war planes and helicopter-borne troops again attack bases in Zambia set up by exiled Nationalist Leader, Joshua Nkomo.

78182352121554 30  
rho, zim Rhodesia claims that as many as 1500 guerrillas had been killed in air and ground attacks on 12 bases in Zambia run by Nkomo's army.

78118055222554 30  
rho, zim Five Rhodesian jets raid one of Nkomo's (Zimbabwe) training camps in Zambia.

Page full... press RETURN to continue
Zimbabwe's Nkomo says his men shot down five Rhodesian jets which raided one of his training camps in Zambia.

Zimbabwe leader Nkomo refuses to attend an all-party conference on Rhodesia.

Do you want to perform another keyword search for the event types (y/n)?
an Israel military rep says the demolition of the four homes of suspected PLO guerrillas on the West Bank is intended to punish the relatives of the terrorists for keeping silent on PLO plans and to dissuade other members of the community from terrorist acts.

USA DOS rep Carter condemns the PLO terrorist attack on the northern Israel resort of Nahariya which killed four Israeli citizens as "a barbaric act - such brutality has no place in the civilized world.'

The Israeli cabinet decides to allow prosecutors in Israeli military courts to seek the death penalty for PLO guerrillas who carry out terrorist acts of "inhuman cruelty" against Israel.

Four Israeli fighter jets, in retaliation for a PLO terrorist bombing in Jerusalem that killed 3 and wounded 13, bomb PLO positions at Da'arur in southern Lebanon and draw ground fire from PLO forces.
Israel fighters bomb PLO camps in southern Lebanon and ISR artillery pound a 20-sq-mile area from the central part of southern Lebanon to the port of Tyre in retaliation for PLO artillery attack on ISR settlements and a PLO terrorist bombing at an ISR supermarket in Jerusalem.

Israel navy forces fire on and sink a speed boat which ISR says contained PLO terrorists attempting to fire rockets into ISR from a raft being towed by the speed boat.

Do you want to perform another keyword search for the event types (y/n)?
CASE V

****************************TEXT****************************
actors . . . . . . . saf, wor
flow . . . . . . . . saf << two-way flow >> wor
time parameters . . 660101-661231
event types . . . . all events
keyword expression . . Apartheid
****************************TEXT****************************

No events were found.

Do you want to perform another keyword search for the event types(y/n)?

4. quarterly
5. yearly  3

Set time parameters(753101-771231): 660101-661231
CASE VI

************************************************************TEXT************************************************************
actors . . . . . . . rho, war
flow . . . . . . . rho <<< two-way flow >>> war
time parameters . . . 668101-721231
event types . . . . . all events
keyword expression . . SANCTION, SANCTIONS
************************************************************
668207209193552 30
unk tightened economic sanctions against rho by making it a
crime to export tobacco to rho

682812 2192552 30
usa treasury dept said it issued new regulations to broaden
econ sanctions against rho

681107399192952 30
uno ga votes to strengthen sanctions against rho

693110399192952 30
uno sc imposes mandatory sanctions on all important commerce
with rho

Do you want to perform another keyword search(y/n)? y
actors ... rho, war
flow ... rho << two-way flow >> wor
time parameters ... 758101-798331
event types ... all events
keyword expression ... SANCTION, SANCTIONS

Cru agrees to intensify econ sanctions agst rho

Britain uk ends her nine year naval blockade of moza-bique
fre thereby ending the sanctions designed at preventing the
shipment of oil to rhodesia rho in violation of the united
nations uno sanctions imposed against the former unuk colony
in 1966 because of its racial policies

UNO security council by unanimous decision broadens the
international sanctions against the white minority regime in
rhodesia by barring insurance and commercial licensing
operations benefiting that country rho

US chief delegate scranton tells the uno security council
that the usa strongly opposes the "illegal smith regime"
and fully supports the new sanctions against rhodesia rho

Page full ... press RETURN to continue
USA SST Kissinger says Rhodesia PM Smith agreed to the proposals for ending white-minority rule in Rho because of the continued weakening of the Rho position as a result of international sanctions and the guerrilla war and because of the participation of SAF and the USA in negotiations.

USA SST Vance answers a flat "no" when asked whether the plan for majority rule reached between Rhodesia and some Zimbabwe factions is constructive enough to warrant the lifting of UNO economic sanctions against Rho.

USA SST Vance and United Kingdom Foreign Secretary David Owen rule out lifting economic sanctions against Rhodesia UNK Rho.
Actors: rho, wor
Flow: rho <<< two-way flow >>> wor
Time parameters: 753101-756331
Event types: all events
Keyword expression: SANCTION, SANCTIONS

763728238111552 8
usa stt vance and united kingdom foreign secretary david Owen rule out lifting economic sanctions against rhodesia unk rho

793116 2 25552 8
usa uno rep young says he is sure the usa will not repeal trade sanctions against rhodesia "not only because it's against the international law we've agreed to, but because it's dumb" rho

793317 2112552 8
usa stt vance says the usa will support neither rhodesia nor the zimbabwe guerrillas, opposing both a zim demand for a dominant position in the transitional rho govt and the lifting of international sanctions against rho

793423 2 21552 8
usa dos rep carter says there will be "pretty much of a moratorium" on usa govt comments about the elections in rhodesia until usa prs carter decides whether to lift economic sanctions against rho

Page full... press RETURN to continue
USA PRS CARTER SAYS THAT THE USA WILL WAIT UNTIL RHODESIA'S NEWLY ELECTED GOVT IS INSTALLED BEFORE A DECISION IS MADE TO END USA SANCTIONS AGAINST RHO BUT ADDS THAT THE USA IS NOW ASSESSING THE CONDUCT AND CONSEQUENCES OF THE RHO ELECTION.

USA PRS CARTER REFUSES TO LIFT USA SANCTIONS AGAINST RHODESIA RHO.

USA SST VANCE AND USA CONGRESS MEMBERS MEET WITH RHODESIA PM MUZOREWA IN WASHINGTON TO DISCUSS ENDING USA ECONOMIC SANCTIONS AGAINST RHO.

USA PRS CARTER MEETS WITH RHODESIA PM MUZOREWA IN WASHINGTON TO DISCUSS THE LIFTING OF USA ECONOMIC SANCTIONS AGAINST RHO.
actors... rho, war
flow... rho << two-way flow >> war
time parameters... 758181-792331
event types... all events
keyword expression... SANCTION, SANCTIONS

793711 215552 0
usa prs carter tells rhodesia pmruzorewa that usa economic sanctions against rho will not be lifted until major constitutional and administrative changes are made by the rho govt to make it more fully representative of all the rho people

79073330 31552 0
rhodesia pmruzorewa meets with unk pm thatcher in london to seek unk recognition of the new rho govt and the lifting of unk economic sanctions against rho

Do you want to perform another keyword search(y/n)? n
REFERENCES


