CHAPTER FIVE
ENGLISH DATA ANALYSIS

5.1 Preliminaries

Under this chapter, the researcher will analyze each editorial separately (see Appendix B). The analysis will focus on the use of RST relations in the chosen political editorials as the data of this research. Rhetorical relations (Informational and Presentational) will be examined exclusively here. The analysis is conducted with the aid of statistical tables and percentages of the various rhetorical relations manifested in the articles. The adopted model of analysis will be that of Mann and Taboada (2005) and according to Mann and Thompson's (1987) classification on Informational/Presentational basis. In their (1987) paper, Mann and Thompson define (23) now considered classical RST relations. Nine more relations have been added more recently to produce 32 extended RST relations (Mann and Taboada, 2005). The relations are PREPARATION, MEANS, UNCONDITIONAL, UNLESS, CONJUNCTION, DISJUNCTION, JOINT, LIST, MULTINUCLEAR RESTATEMENT (see Appendix A).

The relations are classified into two main types: nucleus-satellite and multinuclear. They are also classified according to whether they are Informational or Presentational. Informational relations are those whose intended effect is that the reader recognizes the relation in question. Presentational relations are those whose intended effect is to increase some inclination in the reader (see section 2.4.2.7).

As for terminology in definitions: N stands for nucleus, S for satellite, W for writer (author, speaker), and R for reader. For some brevity: in many places, N and S stand for the situations presented by N and S; N and S never stand for the text of N or S. Situation is a broad cover term that ranges over propositions or beliefs, actions whether realized or not, desires to act and
approval for another to act. Similarly, positive regard is a broad attitudinal term that ranges over belief, approval of ideas, desire to act, all identifiably positive.

5.2 Rhetorical Relations Identified

With respect to the number and kinds of RST, the 10 articles contain (260) RST relations in total. Informational relations are structured around (200) spans and Presentational relations are identified in (60) spans. Table (4) below indicates that five RST relations make up (51.9%) of all relations in the 10 articles. ELABORATION (13.5%), CONCESSION (12.3%), CONJUNCTION (9.6%), CIRCUMSTANCE (8.9%), and CONTRAST (7.6%). These rhetorical relations, in particular, are by far the most essential RST relations, amounting to (51.9%) of all relations. The remaining 22 rhetorical relations add up to only (48.1%) of all the relations in the texts. A detailed analysis of the relations in each article is provided in Appendix (B).

This study indicates that there is a distinction among essential, common, near-common, and rare RST relations in the research articles under investigation. ELABORATION, CONCESSION, CIRCUMSTANCE, CONJUNCTION, and CONTRAST relations appear to be essential elements of political editorials because they constitute the majority of text spans in the articles under study (i.e., 20-35 spans in total). While JOINT, CONDITION, INTERPRETATION, EVIDENCE, JUSTIFICATION, and PURPOS, are common elements of political text as they obtain half and nearly less half of text spans in this study (i.e., 9-17 spans in total). Yet, other RST relations, including, VOLITIONAL CAUSE, VOLITIONAL RESULT, EVALUATION, LIST, BACKGROUND, SEQUENCE, are near-common relations, as they appear to be less frequent elements of research data (i.e., 4-8 spans in total).
The study further indicates that some RST relations are possible although rare in political editorials, such as NON-VOLITIONAL RESULT, DISJUNCTION, PREPARATION, MEANS, SOLUTIONHOOD, NON-VOLTIONAL CAUSE, OTHERWISE, ANTITHESIS, UNCONDITIONAL, and RESTATEMENT. They only identify (1-3 spans in total).

However, six of 32 extended RST relations, which are UNLESS, SUMMARY, MULTINUCLEAR RESTATEMENT, MOTIVATION and ENABLEMENT do not occur in the data set at all. These relations are generally not expected to appear in political editorials. For example, the absence of ENABLEMENT and MOTIVATION relations is anticipated. ENABLEMENT and MOTIVATION are typical relations of advertising texts in which the intention is to move and enable the reader to buy a product or service. See table (4) below.
<table>
<thead>
<tr>
<th>RST Relation</th>
<th>A1</th>
<th>A2</th>
<th>A3</th>
<th>A4</th>
<th>A5</th>
<th>A6</th>
<th>A7</th>
<th>A8</th>
<th>A9</th>
<th>A10</th>
<th>Total</th>
<th>Percentage</th>
</tr>
</thead>
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<td>Elaboration</td>
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<td>-</td>
<td>1</td>
<td>10</td>
<td>3</td>
<td>6</td>
<td>5</td>
<td>5</td>
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<td>-</td>
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<td>4</td>
<td>4</td>
<td>3</td>
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<td>-</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>2</td>
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<td>2</td>
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<td>2</td>
<td>4</td>
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<td>2</td>
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<td>-</td>
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<td>-</td>
<td>4</td>
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<td>1</td>
<td>-</td>
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<td>1</td>
<td>-</td>
<td>-</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>-</td>
<td>2</td>
<td>1</td>
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<td>2</td>
<td>1</td>
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<td>-</td>
<td>-</td>
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<td>1</td>
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<td>3</td>
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<td>1</td>
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<td>1</td>
<td>8</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>2</td>
<td>-</td>
<td></td>
<td>7</td>
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<td>Evaluation</td>
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<td>-</td>
<td>1</td>
<td>-</td>
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<td>-</td>
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<td>-</td>
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<td>Preparation</td>
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<td>-</td>
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<td>-</td>
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<td>4</td>
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<td>-</td>
<td>-</td>
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<td>1</td>
<td>-</td>
<td>-</td>
<td></td>
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<td>1.2%</td>
</tr>
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<td>-</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td></td>
<td>2</td>
<td>0.8%</td>
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<td>Non-volitional Cause</td>
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<td></td>
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<td>-</td>
<td>-</td>
<td></td>
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<td>0.8%</td>
</tr>
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</tr>
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<td>1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
<td>1</td>
<td>0.4%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>20</strong></td>
<td><strong>24</strong></td>
<td><strong>18</strong></td>
<td><strong>28</strong></td>
<td><strong>31</strong></td>
<td><strong>28</strong></td>
<td><strong>24</strong></td>
<td><strong>42</strong></td>
<td><strong>22</strong></td>
<td><strong>23</strong></td>
<td><strong>260</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Table (4): Types and Frequencies of RST Relations used in English Articles
5.2.1 Presentational Relations

Sixty spans are structured around Presentational relations. The first and the most frequent type is that of CONCESSION which is identified in (32) spans (i.e., 53.4%). The second recurrent Presentational relations are EVIDENCE identified in (10) spans (i.e., 16.6%), and JUSTIFICATION identified in (9) spans (i.e., 15%). The least frequent Presentational relations in the data are those of BACKGROUND obtained in (4) spans (i.e., 6.6%), PREPARATION in (3) spans (i.e., 5%) and ANTITHESIS in (2) spans (i.e., 3.4%). These relations are called Presentational (Pragmatic) relations. The basic intention of Presentational relations is to increase some inclination in the reader. These relations are pragmatically complicated, i.e., not only limited to mere reader recognition of facts. The Presentational relations are of particular interest from a Speech Act Theory perspective. Since there is a one-to-one mapping between the rhetorical relation and the intention of the text. Using the CONCESSION relation, for example, the editor wants the reader to recognize the compatibility of N and S through apparent incompatibility. An EVIDENCE S is to increase the reader's belief in the nuclear material, while a JUSTIFY S is intended to increase the reader's readiness to accept the writer's right to present the nuclear material.

See table (5) below

<table>
<thead>
<tr>
<th>Presentational Relations</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONCESSION</td>
<td>32</td>
<td>53.4%</td>
</tr>
<tr>
<td>EVIDENCE</td>
<td>10</td>
<td>16.6%</td>
</tr>
<tr>
<td>JUSTIFICATION</td>
<td>9</td>
<td>15%</td>
</tr>
<tr>
<td>BACKGROUND</td>
<td>4</td>
<td>6.6%</td>
</tr>
<tr>
<td>PREPARATION</td>
<td>3</td>
<td>5%</td>
</tr>
<tr>
<td>ANTITHESIS</td>
<td>2</td>
<td>3.4%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>60</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Table (5): The Total use of Presentational Relations in English Articles
5.2.2 Informational Relations

Two hundred spans are structured around Informational rhetorical relations, each of which defines the text organization of every editorial. The first and the most frequent types are those of ELABORATION which is identified in (35) spans (i.e., 17.5%), CONJUNCTION in (25) spans (i.e., 12.5%), CIRCUMSTANCE in (23) spans (i.e., 11.5%), and CONTRAST in (20) spans (i.e., 10%). The second recurrent Informational relations are those of JOINT identified in (17) spans (i.e., 8.5%), CONDITION in (15) spans (i.e., 7.5%), INTERPRETATION in (12) spans (i.e., 6%), PURPOSE in (9) spans (i.e., 4.5%), VOLITIONAL CAUSE in (8) spans (i.e., 4%), and VOLITIONAL RESULT which is identified in (7) spans (i.e., 3.5%). The least frequent Informational relations in the data are EVALUATION obtained in (5) spans (i.e., 2.5%), LIST and SEQUENCE, each of which is identified in (4) spans (i.e., 2%), NON-VOLITIONAL RESULT and DISJUNCTION occurred in (3) spans (i.e., 1.5%), each of NON-VOLITIONAL CAUSE, MEANS, SOLUTIONHOOD, OTHERWISE is identified in (2) spans (i.e., 1%), and both of UNCONDITIONAL and RESTATEMENT are identified in (1) span (i.e., 0.4%). These results are summarized in table (6) below.

The predominance of Informational relations is not surprising given the function of editorials. The editor intends to make the reader recognize some facts about the real world (News current issues) by using such relations. For example, using ELABORATION gives additional details about some elements of topic which constitutes the N, i.e., the span's most important point; INTERPRETATION relates N with new framework of reference that help readers make sense of their environment, and interpret current events; in addition, by using CONTRAST, the editor expresses differences of opinions by presenting contrasted situations in two nuclei comprehended as (a) the same in many respects (b) different in a few respects and (c) compared with respect to one or more of these differences.
These relations are called Subject Matter or Informational (Semantic) relations. The basic intention of Informational relations is to make the reader recognize that there is an ideational meaning relation between the two text spans. Informational relations also referred to as content or ideational relations hold between the propositions (locutions) expressed by two text segments. These relations are pragmatically uncomplicated and can be analyzed by a truth-conditional semantics.

<table>
<thead>
<tr>
<th>INFORMATIONAL RELATION</th>
<th>Frequency</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELABORATION</td>
<td>35</td>
<td>17.5%</td>
</tr>
<tr>
<td>CIRCUMSTANCE</td>
<td>25</td>
<td>12.5%</td>
</tr>
<tr>
<td>CONJUNCTION</td>
<td>23</td>
<td>11.5%</td>
</tr>
<tr>
<td>CONTRAST</td>
<td>20</td>
<td>10%</td>
</tr>
<tr>
<td>JOINT</td>
<td>17</td>
<td>8.5%</td>
</tr>
<tr>
<td>CONDITION</td>
<td>15</td>
<td>7.5%</td>
</tr>
<tr>
<td>INTERPRETATION</td>
<td>12</td>
<td>6%</td>
</tr>
<tr>
<td>PURPOSE</td>
<td>9</td>
<td>4.5%</td>
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<tr>
<td>VOLITIONAL CAUSE</td>
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<td>4%</td>
</tr>
<tr>
<td>VOLITIONAL RESULT</td>
<td>7</td>
<td>3.5%</td>
</tr>
<tr>
<td>EVALUATION</td>
<td>5</td>
<td>2.5%</td>
</tr>
<tr>
<td>LIST</td>
<td>4</td>
<td>2%</td>
</tr>
<tr>
<td>SEQUENCE</td>
<td>4</td>
<td>2%</td>
</tr>
<tr>
<td>NON-VOLITIONAL RESULT</td>
<td>3</td>
<td>1.5%</td>
</tr>
<tr>
<td>DISJUNCTION</td>
<td>3</td>
<td>1.5%</td>
</tr>
<tr>
<td>MEANS</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>SOLUTIONHOOD</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>NON-VOLITIONAL CAUSE</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>OTHERWISE</td>
<td>2</td>
<td>1%</td>
</tr>
<tr>
<td>UNCONDITIONAL</td>
<td>1</td>
<td>0.5%</td>
</tr>
<tr>
<td>RESTATEMENT</td>
<td>1</td>
<td>0.5%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>200</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Table (6): The Total use of Informational Relations in English Articles
## 5.4 Examples and Comments on the Presentational Relations

<table>
<thead>
<tr>
<th>Relation Name</th>
<th>Art. &amp; Txt.No</th>
<th>All of Example Text</th>
<th>Nuclear Part</th>
<th>Satellite Part</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antithesis</td>
<td>6,2</td>
<td>We have consistently made it clear that the criteria for withdrawing coalition forces from Iraq are conditions-based, not calendar-based.&quot;</td>
<td>&quot;We have consistently made it clear that the criteria for withdrawing coalition forces from Iraq are conditions-based,</td>
<td>not calendar-based.</td>
<td>R's positive regard for N is increased, (through recognition of incompatibility of the situations in N and S.</td>
</tr>
<tr>
<td></td>
<td>4,5</td>
<td>Sometimes war proves unstoppable; but it is seldom OK</td>
<td>Sometimes war proves unstoppable;</td>
<td>but it is seldom OK.</td>
<td></td>
</tr>
<tr>
<td>Background</td>
<td>8,5</td>
<td>An overarching lesson is that the failure of diplomacy is not a sufficient argument for war. It seems as evident today as it was four years ago that sanctions on Saddam Hussein's regime were eroding and that the U.N. Security Council had no appetite to prolong &quot;containment&quot; in any meaningful form.</td>
<td>An overarching lesson is that the failure of diplomacy is not a sufficient argument for war.</td>
<td>It seems as evident today as it was four years ago that sanctions on Saddam Hussein's regime were eroding and that the U.N. Security Council had no appetite to prolong &quot;containment&quot; in any meaningful form.</td>
<td>R's ability to comprehend N increases.</td>
</tr>
<tr>
<td></td>
<td>10, 2</td>
<td>The Iraq war, an unnecessary war, has diverted critically needed resources away from Afghanistan, the real front in the war on terrorism.</td>
<td>The Iraq war, an unnecessary war, has diverted critically needed resources away from Afghanistan,</td>
<td>the real front in the war on terrorism.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8,12</td>
<td>Similarly, Iraq has shown the disadvantages of acting without full allied support. Multilateralism and U.N. authorization are force multipliers, morally and literally; unilateralism should be a last resort.</td>
<td>Similarly, Iraq has shown the disadvantages of acting without full allied support.</td>
<td>Multilateralism and U.N. authorization are force multipliers, morally and literally; unilateralism should be a last resort.</td>
<td></td>
</tr>
</tbody>
</table>
R's positive regard for N is increased (through recognition of the compatibility of situations presented in N and S).

Even if the inspectors decide that the warheads are insignificant, Iraq would remain under extreme pressure.

Although Al Qaeda has suffered some heavy setbacks since the attacks on the United States in September 2001, its core leadership is intact and continues to provide ideological and strategic direction.

Although the war is not yet over, the fall of Baghdad means it is all but won.

Although the war is not yet over, his stockpiles had been destroyed and research stopped years before the United States led the invasion of Iraq in March 2003.

While Hussein had long dreamed of developing an arsenal of biological agents, his stockpiles had been destroyed and research stopped years before the United States led the invasion of Iraq in March 2003.

The Iraqi security force numbers indicate that they are unlikely to be able to take control of major parts of the country any time soon, even with what Pentagon officials have cited as significant progress.

The Iraqi security force numbers indicate that they are unlikely to be able to take control of major parts of the country any time soon, even with what Pentagon officials have cited as significant progress.

Even a larger force might not have stopped the looting; total forgiveness of Baathist officers might not have forestalled Sunni insurgency or might have spurred the Shiites into rebellion.

Even a larger force might not have stopped the looting.
Regardless of the outcome of various legal proceedings against Black water, the controversial security firm potentially faces a massive business setback this coming May.

The documentation and interviews indicated that Al Qaeda regarded Saddam, a secular leader, as an infidel.

and, for the most part, Saddam Hussein did not try to rebuild it, according to an extensive report by the chief U.S. weapons inspector in Iraq that contradicts nearly every pre-war assertion made by top administration officials about Iraq.

There also was no evidence that Iraq possessed or was developing a mobile biological weapons production system, an assertion Secretary of State Colin L. Powell and others made before the invasion. The two trailers that were found in early 2003 were "almost certainly designed and built exclusively for the generation of hydrogen gas".

Regardless of the outcome of various legal proceedings against Black water,

I could find no evidence of links between Iraq and Al Qaeda.

and, for the most part, Saddam Hussein did not try to rebuild it, according to an extensive report by the chief U.S. weapons inspector in Iraq that contradicts nearly every pre-war assertion made by top administration officials about Iraq.

There also was no evidence that Iraq possessed or was developing a mobile biological weapons production system, an assertion Secretary of State Colin L. Powell and others made before the invasion.

R's belief of N is increased.
One observer close to the investigation told TIME that U.S. authorities have examined a log from a command post, or Tactical Operations Centre (TOC), showing that Blackwater guards radioed repeatedly that they were under attack from persons wearing police uniforms. Photographic evidence of Kalashnikov shells scattered around the site of the shooting could also suggest that the Blackwater convoy did come under hostile fire.

Photographic evidence of Kalashnikov shells scattered around the site of the shooting could also suggest that the Blackwater convoy did come under hostile fire.

But Arab countries, and others opposed to war, are likely to make a final argument to delay military action, saying that the discovery of a "smoking gun" proves the inspectors are effective and can disarm Iraq.

Al Qaeda is growing. For every Al Qaeda and Taliban member captured or killed in Afghanistan, the group has been able to recruit another one or two members.

Iraqis' problems are not at an end; they merely change in form and scale. For them and many like them, victory is meaningless.

Nor do we know how Iraq will evolve; history's judgment in five years or 10 may look very different than today's.

R's readiness to accept W's right to present N is increased.

For them and many like them, victory is meaningless.

For every Al Qaeda and Taliban member captured or killed in Afghanistan, the group has been able to recruit another one or two members.

Nor do we know how Iraq will evolve; history's judgment in five years or 10 may look very different than today's.
<table>
<thead>
<tr>
<th>Preparation</th>
<th>1,4</th>
<th>Under the terms of UN Security Council Resolution 1441, passed unanimously in November, inspectors are due to submit a full report on Iraq's compliance on Jan 27.</th>
<th>Under the terms of UN Security Council Resolution 1441, passed unanimously in November, for every terrorist support cell detected and disrupted, even in Europe, Al Qaeda has been able to establish a new cell to disseminate propaganda, raise funds and recruit.</th>
<th>R is more ready, interested or oriented for reading N.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2</td>
<td>Under an agreement with the Baghdad government, American combat troops are to leave Iraq’s cities by Tuesday.</td>
<td>American combat troops are to leave Iraq’s cities by Tuesday.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10,1</td>
<td>A January report to Congress by the Pentagon said that as of last fall, 17 of the Iraq Army’s 174 combat battalions were capable of conducting counter-insurgency operations without American support. All of Iraq’s army is dependent on the American military for intelligence, logistics and air support.</td>
<td>A January report to Congress by the Pentagon said that as of last fall, 17 of the Iraq Army’s 174 combat battalions were capable of conducting counter-insurgency operations without American support.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Table (7): Types of Presentational Relations used in English Articles
### 5.4 Examples and Comments on the Informational Relations

<table>
<thead>
<tr>
<th>Relation Name</th>
<th>Art. &amp; Txt.No</th>
<th>All of Example Text</th>
<th>Nuclear Part</th>
<th>Satellite Part</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circumstance</td>
<td>2,1</td>
<td>As long as Osama bin Laden, the Al Qaeda leader, Ayman Zawahiri, the principal strategist, and Khalid Shaikh Mohammed, head of the Al Qaeda military committee, are alive, the United States is at risk of another serious terrorist attack.</td>
<td>the United States is at risk of another serious terrorist attack.</td>
<td>As long as Osama bin Laden, the Al Qaeda leader, Ayman Zawahiri, the principal strategist, and Khalid Shaikh Mohammed, head of the Al Qaeda military committee, are alive,</td>
<td>R recognizes that S provides the framework for interpreting N.</td>
</tr>
<tr>
<td></td>
<td>3,5</td>
<td>As the Security Council broke up amid acrimony earlier yesterday, the UN secretary general, Kofi Annan, questioned the legitimacy of such an attack.</td>
<td>the UN secretary general, Kofi Annan, questioned the legitimacy of such an attack.</td>
<td>As the Security Council broke up amid acrimony earlier yesterday,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4,1</td>
<td>Until the body of Saddam is handed up, dead or alive, until the spectre of Saddam is finally exorcised, many Iraqis will have trouble believing they are really free.</td>
<td>many Iraqis will have trouble believing they are really free.</td>
<td>Until the body of Saddam is handed up, dead or alive, until the spectre of Saddam is finally exorcised,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,6</td>
<td>But after extensive interviews with Hussein and his key lieutenants, Duelfer concluded that Hussein was not motivated by a desire to strike the United States with banned weapons,</td>
<td>Duelfer concluded that Hussein was not motivated by a desire to strike the United States with banned weapons,</td>
<td>But after extensive interviews with Hussein and his key lieutenants,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8,4</td>
<td>The United States is still paying a price for the betrayal of Shiites and Kurds after the Persian Gulf War;</td>
<td>The United States is still paying a price for the betrayal of Shiites and Kurds</td>
<td>after the Persian Gulf War;</td>
<td></td>
</tr>
</tbody>
</table>

169
<table>
<thead>
<tr>
<th>Condition</th>
<th>1,10</th>
<th>2,8</th>
<th>4,4</th>
<th>6,2</th>
<th>9,3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10,1</strong></td>
<td>After six bloody, ruinously costly years, there is an end in sight to the American occupation of Iraq.</td>
<td>there is an end in sight to the American occupation of Iraq.</td>
<td>After six bloody, ruinously costly years,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,10</td>
<td>If they are the &quot;smoking gun&quot;, Britain will urge America to seek Security Council approval for military action.</td>
<td>Britain will urge America to seek Security Council approval for military action.</td>
<td>if they are the &quot;smoking gun&quot;,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,8</td>
<td>If the United States launches a unilateral invasion of Iraq, Muslim rulers and regimes in the Middle East and Asia will come under sustained pressure from their citizens.</td>
<td>Muslim rulers and regimes in the Middle East and Asia will come under sustained pressure from their citizens.</td>
<td>If the United States launches a unilateral invasion of Iraq,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4,4</td>
<td>If reconstruction works, and that is an enormous &quot;if&quot;, a resource-rich, democratic Iraq may become the throbbing engine of the Middle East.</td>
<td>democratic Iraq may become the throbbing engine of the Middle East.</td>
<td>If reconstruction works, and that is an enormous &quot;if&quot;, a resource-rich,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6,2</td>
<td>Success will be achieved when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security,</td>
<td>Success will be achieved</td>
<td>when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security,&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9,3</td>
<td>And if the U.S. were to bring criminal indictments against Black water personnel, many observers believe it could jeopardize the contract's renewal and further undermine the company's already shaky status in Iraq.</td>
<td>many observers believe it could jeopardize the contract's renewal and further undermine the company's already shaky status in Iraq.</td>
<td>And if the U.S. were to bring criminal indictments against Black water personnel,</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

R recognizes how the realization of N depends on the realization of S.
Elaboration
whole: parts

1,7 America had argued that Iraq twice committed a "material breach" since the passage of Resolution 1441. The first time was in November following Iraqi attacks on allied aircraft patrolling the "no-fly" zones, and the second was Iraq's December declaration which the United States said contained glaring omissions.

Process: step 3,3 Mr. Bush also braced Americans for retaliatory attacks at home and abroad and assured them that security measures were being taken to protect them, including the deportation of certain individuals with ties to Iraqi intelligence services and higher security at airports and seaports.

Set: member 4,4 The shock of the day weighed heavily on some - but not all - Arab hearts. Many viewers in Cairo turned off televisions in disgust. Some see this, wrongly, as an Arab and Muslim defeat.

R recognizes the situation presented in S as providing additional detail for N. R. identifies the element of subject matter for which detail is provided.

America had argued that Iraq twice committed a "material breach" since the passage of Resolution 1441. The first time was in November following Iraqi attacks on allied aircraft patrolling the "no-fly" zones, and the second was Iraq's December declaration which the United States said contained glaring omissions.

Mr. Bush also braced Americans for retaliatory attacks at home and abroad and assured them that security measures were being taken to protect them, including the deportation of certain individuals with ties to Iraqi intelligence services and higher security at airports and seaports.

The shock of the day weighed heavily on some - but not all - Arab hearts. Many viewers in Cairo turned off televisions in disgust. Some see this, wrongly, as an Arab and Muslim defeat.
<p>| Abstraction: instance | 5,12 | Duelfer's report contradicted a number of specific claims administration officials made before the war. It found, for example, that Iraq's &quot;crash&quot; program in 1991 to build a nuclear weapon before the Persian Gulf War was far from successful, and was nowhere near being months away from producing a weapon, as the administration asserted. Only micrograms of enriched uranium were produced and no weapon design was completed. | Duelfer's report contradicted a number of specific claims administration officials made before the war. We raised such issues in our prewar editorials but with insufficient force. In February 2003, for example, we wrote that &quot;the president [must] finally address, squarely and in public, the question of how Iraq will be secured and governed after a war that removes Saddam Hussein, and what the U.S. commitment to that effort will be. Who will rule Iraq, and how? Who will provide security? How long will U.S. troops remain?&quot; | It found, for example, that Iraq's &quot;crash&quot; program in 1991 to build a nuclear weapon before the Persian Gulf War was far from successful, and was nowhere near being months away from producing a weapon, as the administration asserted.(1ˢᵗ) Only micrograms of enriched uranium were produced and no weapon design was completed.(2ⁿᵈ) In February 2003, for example, we wrote that &quot;the president must finally address, squarely and in public, the question of how Iraq will be secured and governed after a war that removes Saddam Hussein, and what the U.S. commitment to that effort will be. Who will rule Iraq, (2ⁿᵈ) and how? Who will provide security? (3ⁿᵈ) How long will U.S. troops remain? (4ᵗʰ) |</p>
<table>
<thead>
<tr>
<th>Evaluation</th>
<th>8,3</th>
<th>The decision was right, the execution wrong. There's no question that the execution was disastrous.</th>
<th>The decision was right, the execution wrong.</th>
<th>There's no question that the execution was disastrous.</th>
<th>R recognizes that S assesses N and recognizes the value it assigns.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,5</td>
<td></td>
<td>Indeed there are worrying signs that Iraqi politicians are doing the opposite, looking for ways to shore up their communal interests in case the civil war reignites. Many of Iraq’s neighbors are making the same calculations.</td>
<td>Indeed there are worrying signs that Iraqi politicians are doing the opposite, looking for ways to shore up their communal interests in case the civil war reignites.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interpretation</td>
<td>1,5</td>
<td>The resolution is ambiguous on the question of force. It does not give explicit approval for war, but neither does it require a second resolution to authorise military action.</td>
<td>The resolution is ambiguous on the question of force.</td>
<td>It does not give explicit approval for war, but neither does it require a second resolution to authorise military action.</td>
<td>R recognizes that S relates the situation presented in N to a framework of ideas not found in N itself.</td>
</tr>
<tr>
<td></td>
<td>4,5</td>
<td>The political ramifications of that do indeed invite shock and awe. On one level the US-British success to date is deeply impressive and on another, troubling.</td>
<td>The political ramifications of that do indeed invite shock and awe.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,4</td>
<td>Duelfer's report, delivered yesterday to two congressional committees, represents the government's most definitive accounting of Hussein's weapons programs, the assumed strength of which the Bush administration presented as a central reason for the war.</td>
<td>Duelfer's report, delivered yesterday to two congressional committees, represents the government's most definitive accounting of Hussein's weapons programs,</td>
<td></td>
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<tr>
<td></td>
<td>7,5</td>
<td>9,2</td>
<td>Means</td>
<td>7,9</td>
<td>Non-volitional Cause</td>
</tr>
<tr>
<td>---</td>
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<td>-------</td>
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<td>---------------------</td>
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<tr>
<td></td>
<td>Our service members, especially Special Operations forces, will see the double standard, the CIA's and the military's. This blurring was a main complaint of Abu Ghraib prison guards.</td>
<td>A Washington, D.C., grand jury is currently hearing evidence involving one of the episodes. That bloody episode has strained relations between Washington and Baghdad and caused elements within the Iraqi government to demand that Black water be expelled from the country.</td>
<td>All interrogators would have more than enough flexibility to obtain necessary information simply by using the approaches recently rewritten into the new Army field manual that governs interrogation.</td>
<td>All interrogators would have more than enough flexibility to obtain necessary information simply by using the approaches recently rewritten into the new Army field manual that governs interrogation.</td>
<td>Parts of Baghdad and other cities are close to anarchy. Overnight, political authority ceased to exist in a country which hitherto has known only the fiercest political control.</td>
</tr>
<tr>
<td></td>
<td>This blurring was a main complaint of Abu Ghraib prison guards.</td>
<td>That bloody episode has strained relations between Washington and Baghdad and caused elements within the Iraqi government to demand that Black water be expelled from the country.</td>
<td>by using the approaches recently rewritten into the new Army field manual that governs interrogation.</td>
<td>R recognizes that the method or instrument in S tends to make realization of N more likely.</td>
<td></td>
</tr>
<tr>
<td>Non-volitional Result</td>
<td>2,9</td>
<td>Muslim law enforcement and intelligence officials will be reluctant even to conduct counterterrorist operations. As a result, U.S. intelligence agencies and law enforcement authorities will fail to detect terrorist infiltration and attack plans against American targets at home and overseas.</td>
<td>Muslim law enforcement and intelligence officials will be reluctant even to conduct counterterrorist operations.</td>
<td>As result, U.S. intelligence agencies and law enforcement authorities will fail to detect terrorist infiltration and attack plans against American targets at home and overseas.</td>
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<td>---------------------------------------------------------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td></td>
<td>7,10</td>
<td>Given the administration's rhetoric, there seems little hope for a cure for the systemic problems exposed at Abu Ghraib.</td>
<td>Given the administration's rhetoric, there seems little hope for a cure for the systemic problems exposed at Abu Ghraib.</td>
<td>R recognizes that N could have caused the situation in S.</td>
<td></td>
</tr>
<tr>
<td>Purpose</td>
<td>3,2</td>
<td>He warned foreigners, including journalists and weapons inspectors, to leave immediately.</td>
<td>He warned foreigners, including journalists and weapons inspectors, to leave immediately.</td>
<td>R recognizes that the activity in N is initiated in order to realize S.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,10</td>
<td>Democrats seized on the exhaustive report, which comes amid a presidential race dominated so far by the Iraq war, to argue that the administration misled the American public about the risk Hussein posed and then miscalculated the difficulties of securing post-war peace.</td>
<td>Democrats seized on the exhaustive report, which comes amid a presidential race dominated so far by the Iraq war,</td>
<td>Democrats seized on the exhaustive report, which comes amid a presidential race dominated so far by the Iraq war,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>What matters most is finding the best policy now... doing whatever can be done to help Iraq and safeguard U.S. interests in a vital region.</td>
<td>What matters most is finding the best policy now... doing whatever can be done to help Iraq and safeguard U.S. interests in a vital region.</td>
<td>What matters most is finding the best policy now... doing whatever can be done to help Iraq and safeguard U.S. interests in a vital region.</td>
<td></td>
</tr>
</tbody>
</table>

175
<p>| 10,12 | The United States is also going to have to help Iraq build an air force and a navy so it can defend its own borders, | The United States is also going to have to help Iraq build an air force and a navy so it can defend its own borders, |
| Restatement 5,10 | All of that known, and Dick Cheney said again last night that he would have done everything the same. George Bush has said he would have done everything the same. | All of that known, and Dick Cheney said again last night that he would have done everything the same. George Bush has said he would have done everything the same. |
| Solutionhood 8,7 | Clearly we were insufficiently skeptical of intelligence reports. It would almost be comforting if Mr. Bush had &quot;lied the nation into war,&quot; as is frequently charged. | It would almost be comforting if Mr. Bush had &quot;lied the nation into war,&quot; as is frequently charged. |
| 8,13 | Walking away is likely to make a bad situation worse. Patient, sustained U.S. commitment, with gradually diminishing military forces, could still help Iraq to move in the right direction. | A patient, sustained U.S. commitment, with gradually diminishing military forces, could still help Iraq to move in the right direction. |
| Unconditional 8,13 | It is tempting to say that if it was wrong to go in, it must be wrong to stay in. | It must be wrong to stay in |
| 176 | | |</p>
<table>
<thead>
<tr>
<th>Volitional Cause</th>
<th>2,5</th>
<th>He did not transfer chemical and biological weapons to terrorist groups, probably because he knew that they could one day be used against his secular regime.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6,6</td>
<td>Pentagon officials said they have no intention of releasing specific information about the progress of Iraqi troops because they fear it would give insurgents an advantage.</td>
</tr>
<tr>
<td></td>
<td>8,3</td>
<td>Having rolled the dice on what everyone understood to be an enormous gamble, Mr. Bush and his team followed up with breathtaking and infuriating arrogance, ignorance and insouciance.</td>
</tr>
<tr>
<td></td>
<td>10,9</td>
<td>Iraqi Readiness until a few weeks ago, American commanders were hoping that Iraq’s government would invite them to keep combat troops in certain Baghdad neighborhoods and in the northern city of Mosul,</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volitional Result</th>
<th>2,7</th>
<th>More than 3,000 Al Qaeda leaders, agents and supporters have been arrested in 98 countries in the last 15 months. This has reduced the threat of terrorism significantly.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>More than 3,000 Al Qaeda leaders, agents and supporters have been arrested in 98 countries in the last 15 months. This has reduced the threat of terrorism significantly.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R recognizes S as a cause for the volitional action in N.</td>
</tr>
</tbody>
</table>

R recognizes S as a cause for the volitional action in N.
3,5 The United Nations security council has not lived up to its responsibilities, so we will rise to ours,” he said.

7,7 The CIA conducted its own internal abuse investigation but never reported the results to any military authority in Iraq, creating resentment, the impression of a double standard and confusion in the military ranks as to what were acceptable practices.

8,2 The cost in lives, injuries and dislocations, to Americans and Iraqis, has been tragic; the opportunity costs for U.S. leadership globally have been immense. So there is an obligation to reassess.

President George Bush last night gave Saddam Hussein and his sons 48 hours to give up power and go into exile or face invasion by more than a quarter of a million US and British troops massed on Iraq's borders.

The United Nations security council has not lived up to its responsibilities, so we will rise to ours," he said.

The CIA conducted its own internal abuse investigation but never reported the results to any military authority in Iraq, creating resentment, the impression of a double standard and confusion in the military ranks as to what were acceptable practices.

So there is an obligation to reassess.

President George Bush last night gave Saddam Hussein and his sons 48 hours to give up power and go into exile or face invasion by more than a quarter of a million US and British troops massed on Iraq's borders.

R recognizes the dependency relation of prevention between the realization of N and the realization of S.

Table (8): Types of Informational Relations used in English Articles
5.4.1 Examples and Comments on Multinuclear Relations

<table>
<thead>
<tr>
<th>Relation Name</th>
<th>Art. &amp; Txt no.</th>
<th>Text of Two Nuclei</th>
<th>Text of First Nucleus</th>
<th>Text of Second Nucleus</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>conjunction</td>
<td>1,3</td>
<td>That was the line taken last night by Iraq, which claimed it had &quot;forgotten&quot; the munitions, and thus omitted them from its 12,000-page declaration on its arms programmes made to the UN in December.</td>
<td>That was the line taken last night by Iraq, which claimed it had &quot;forgotten&quot; the munitions, and thus omitted them from its 12,000-page declaration on its arms programmes made to the UN in December.</td>
<td>R recognizes that the linked items are conjoined.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2,10</td>
<td>Islamist propaganda has already identified the United States as the main enemy and sensitized Muslims in their Middle East and Asian heartlands, as well as Muslim migrant communities in North America, Europe and Australasia.</td>
<td>Islamist propaganda has already identified the United States as the main enemy and sensitized Muslims in their Middle East and Asian heartlands, as well as Muslim migrant communities in North America, Europe and Australasia.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3,7</td>
<td>The assault would not be aimed at them, and US troops would bring food and medicine.</td>
<td>The assault would not be aimed at them, and US troops would bring food and medicine.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5,14</td>
<td>There was one offer to Iraq of &quot;yellowcake&quot; uranium, and that was from an Ugandan businessman offering uranium from Congo.</td>
<td>There was one offer to Iraq of &quot;yellowcake&quot; uranium, and that was from an Ugandan businessman offering uranium from Congo.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>9,8</td>
<td>Black water itself has said that a number of vehicles in the convoy were damaged, and it has photographs showing bullet damage,</td>
<td>Black water itself has said that a number of vehicles in the convoy were damaged, and it has photographs showing bullet damage,</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contrast</td>
<td>2,3</td>
<td>5,6</td>
<td>8,6</td>
<td>9,7</td>
<td>10,7</td>
</tr>
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<tr>
<td>Iraqi intelligence agents have met with Al Qaeda leaders and operatives, but there is no conclusive evidence of Iraqi assistance to Al Qaeda.</td>
<td>Duelfer concluded that Hussein was not motivated by a desire to strike the United States with banned weapons, but wanted them to enhance his image in the Middle East and to deter Iran, against which Iraq had fought a devastating eight-year war.</td>
<td>We were not wrong that Iraqis, like all human beings, crave freedom. But people also crave security.</td>
<td>The Iraqi government has claimed that a convoy including 19 Black water guards opened fire on Iraqis, but the firm says their staffs was merely responding to an attack mounted by insurgents dressed as policemen.</td>
<td>Still, Mr. Obama has a high-level adviser for Afghanistan and Pakistan, for Middle East peace negotiations, and for Iran, but there is no marquee name for Iraq to ensure that the president and the bureaucracy are fully engaged.</td>
<td>R recognizes the comparability and the differences yielded by the comparison is being made.</td>
</tr>
<tr>
<td>Disjunction</td>
<td>1,2</td>
<td>Do the warheads point to the existence of a secret stock of chemical agent, or are they a quartermaster's oversight?</td>
<td>Do the warheads point to the existence of a secret stock of chemical agent, or are they a quartermaster's oversight?</td>
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<td>-----------------------------------------------------------</td>
<td>-----------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R recognizes that the linked items are alternatives.</td>
<td>5,7</td>
<td>Neither was there an identifiable group of WMD policy makers or planners separate from Saddam tasked to take this up once sanctions ended.</td>
<td>Neither was there an identifiable group of WMD policy makers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Joint</th>
<th>2,4</th>
<th>In addition to listening to 240 tapes taken from Al Qaeda's central registry, I debriefed several Al Qaeda and Taliban detainees.</th>
<th>In addition to listening to 240 tapes taken from Al Qaeda's central registry,</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joint</td>
<td>4,4</td>
<td>Who knows which way the Abrams tank barrels will swivel next? And who in Damascus, Tehran or Riyadh is entirely sure that the Iraqi people's release will not find willing emulators there?</td>
<td>And who in Damascus, Tehran or Riyadh is entirely sure that the Iraqi people's release will not find willing emulators there?</td>
</tr>
<tr>
<td>Joint</td>
<td>8,6</td>
<td>We may have underestimated the impoverishment brought about by misrule and sanctions and the brutalization born of totalitarian cruelty. We underestimated, too, the regime's determination to fight back and its resourcefulness in doing so.</td>
<td>We underestimated, too, the regime's determination to fight back and its resourcefulness in doing so.</td>
</tr>
<tr>
<td>Joint</td>
<td>9,5</td>
<td>Prosecutions in the September 16 case would face similar obstacles, in addition to having to overcome the limited immunity granted by the State Department to Black water staff soon after the incident.</td>
<td>Prosecutions in the September 16 case would face similar obstacles, in addition to having to overcome the limited immunity granted by the State Department to Black water staff soon after the incident.</td>
</tr>
</tbody>
</table>
List

1,9 Iraq has allowed inspectors to work with unprecedented freedom, entering Saddam's palaces, visiting the bases of Iranian dissident groups and searching the homes of Iraqi scientists.

2,7 An invasion that lacks a broad base of support in the Islamic community is likely to cause severe disruption and damage to the security, intelligence, law enforcement, and judicial cooperation that the U.S. government has built in Muslim countries since 2001.

5,5 President Bush, Vice President Cheney and other top administration officials asserted, before the U.S. invasion, that Iraq was reconstituting its nuclear weapons program, had chemical and biological weapons, and maintained links to al Qaeda affiliates to whom it might give such weapons to use against the United States.

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Resolution 1441 requires the inspectors to report immediately to the council any interference by Iraq with inspection activities. The Security Council would then meet to consider the situation and the need for full compliance with all the relevant council resolutions in order to secure international peace.

The president expressed regret that the United Nations Security Council had chosen not to back military action against Iraq, hours after the US, Britain and Spain decided to withdraw a resolution threatening military force in the face of staunch opposition from France and Russia.

The Pentagon expects a draft constitution to be ready by Aug. 15 and hopes the nation will be able to vote on the document in October.

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Table (9): Types of Multinuclear Relations used in English Articles
5.5 Order of Spans

Although RST posits that the order of nucleus and satellite(s) in a text span is not restricted by a theoretical consideration, Mann and Thompson (1987) report that empirical text analysis have shown that a number of rhetorical relations seem to have a tendency towards a "canonical order" of nucleus-satellite or satellite-nucleus patterns (see table 10 below). The researcher observes that in cases where the canonical order of a relation is reversed in actual text, the conversation of the text span to canonical order improves the readability of the text (and vice versa). Mann and Thompson (1987: 17) present the canonical order of spans for some rhetorical as indicated in the following table:

**Satellite before Nucleus**

<table>
<thead>
<tr>
<th>Antithesis</th>
<th>Conditional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Background</td>
<td>Justification</td>
</tr>
<tr>
<td>Concessive</td>
<td>Solutionhood</td>
</tr>
</tbody>
</table>

**Nucleus before Satellite**

<table>
<thead>
<tr>
<th>Elaboration</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enablement</td>
<td>Restatement</td>
</tr>
<tr>
<td>Evidence</td>
<td></td>
</tr>
</tbody>
</table>

Table (10): Canonical Orders of Spans for Some Rhetorical Relations
### 5.5.1 Examples of Canonical Order of Spans

<table>
<thead>
<tr>
<th>Relation Name</th>
<th>Art. &amp; Txt.No</th>
<th>All of Example Text</th>
<th>Nuclear Part</th>
<th>Satellite Part</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concession</td>
<td>4,1</td>
<td>Even as statues of the vanquished dictator crashed to the ground and jubilant Iraqis ground his hated image beneath their feet, the fate of the real, flesh-and-blood Saddam was still a mystery.</td>
<td>the fate of the real, flesh-and-blood Saddam was still a mystery.</td>
<td>Even as statues of the vanquished dictator crashed to the ground and jubilant Iraqis ground his hated image beneath their feet,</td>
<td>R's positive regard for N is increased.</td>
</tr>
<tr>
<td></td>
<td>4,4</td>
<td>While they had no cause to love Saddam, the leaders of Iran and Syria or even Libya or North Korea will shiver at his passing.</td>
<td>the leaders of Iran and Syria or even Libya or North Korea will shiver at his passing.</td>
<td>While they had no cause to love Saddam,</td>
<td></td>
</tr>
<tr>
<td>Evidence</td>
<td>5,2</td>
<td>Charles A. Duelfer, whom the Bush administration chose to complete the U.S. investigation of Iraq's weapons programs, said Hussein's ability to produce nuclear weapons had progressively decayed since 1991. Inspectors, he said, found no evidence of &quot;concerted efforts to restart the program.&quot;</td>
<td>Charles A. Duelfer, whom the Bush administration chose to complete the U.S. investigation of Iraq's weapons programs, said Hussein's ability to produce nuclear weapons had &quot;progressively decayed&quot; since 1991.</td>
<td>Inspectors, he said, found no evidence of &quot;concerted efforts to restart the program.&quot;</td>
<td>R's belief of N is increased.</td>
</tr>
<tr>
<td>Justification</td>
<td>10,2</td>
<td>For a badly over-stretched American military it will certainly be time to go. Repeated deployments have taken a huge toll on soldiers and their families.</td>
<td>Repeated deployments have taken a huge toll on soldiers and their families.</td>
<td>For a badly over-stretched American military it will certainly be time to go.</td>
<td>R's readiness to accept W's right to present N is increased.</td>
</tr>
<tr>
<td>Condition</td>
<td>1,6</td>
<td>If the UN blocks actions, they reserve the right to take action alone.</td>
<td>they reserve the right to take action alone</td>
<td>If the UN blocks actions,</td>
<td>R recognizes how the realization of N depends on the realization of S.</td>
</tr>
</tbody>
</table>
R recognizes the situation presented in S as providing additional detail for N. R. identifies the element of subject matter for which detail is provided.

| Elaboration: Whole: part | 4,2 | Iraqis' problems are not at an end; they merely change in form and scale. Baghdad, let alone Iraq as a whole, is not yet secure. Saddam's weapons of mass destruction have not been found. There may yet be a last stand in Tikrit. There may be hard fighting still ahead, as Dick Cheney warned yesterday. There may be yet more civilian casualties to add to the uncounted thousands. | Baghdad, let alone Iraq as a whole, is not yet secure. (1st S) Saddam's weapons of mass destruction have not been found. (2nd S). There may yet be a last stand in Tikrit. (3rd S) There may be hard fighting still ahead, as Dick Cheney warned yesterday. (4th S) There may be yet more civilian casualties to add to the uncounted thousands. (5th S) |
| Purpose | 3,6 | Much of last night's presidential address was directed towards the Iraqi armed forces in an attempt to persuade them to stand aside rather than defend Saddam and his two sons, Qusay and Uday, who both hold powerful positions in the regime. | Much of last night's presidential address was directed towards the Iraqi armed forces in an attempt to persuade them to stand aside rather than defend Saddam and his two sons, Qusay and Uday, who both hold powerful positions in the regime. |
| Restatement | 5,10 | All of that known, and Dick Cheney said again last night that he would have done everything the same. George Bush has said he would have done everything the same. | All of that known, and Dick Cheney said again last night that he would have done everything the same. George Bush has said he would have done everything the same. |

Table (11): Examples of Canonical Order of Spans in English Articles
### 5.5.2 Examples of Reversed Canonical Order of Spans

<table>
<thead>
<tr>
<th>Relation Name</th>
<th>Art. &amp; Txt.No</th>
<th>All of Example Text</th>
<th>Nuclear Part</th>
<th>Satellite Part</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antithesis</td>
<td>6,2</td>
<td>We have consistently made it clear that the criteria for withdrawing coalition forces from Iraq are conditions-based, not calendar-based.&quot;</td>
<td>We have consistently made it clear that the criteria for withdrawing coalition forces from Iraq are conditions-based,</td>
<td>not calendar-based.&quot;</td>
<td>R's positive regard for N is increased, (through recognition of incompatibility of the situations in N and S).</td>
</tr>
<tr>
<td>Background</td>
<td>3,2</td>
<td>The Iraqi regime quickly rejected the ultimatum, a response the US administration said it had expected. In effect, the president's 15-minute televised address to the nation from the White House was a declaration of war, which could come any time after tomorrow night.</td>
<td>The Iraqi regime quickly rejected the ultimatum, a response the US administration said it had expected.</td>
<td>In effect, the president's 15-minute televised address to the nation from the White House was a declaration of war, which could come any time after tomorrow night.</td>
<td>R's ability to comprehend N increases.</td>
</tr>
<tr>
<td>Concession</td>
<td>5,11</td>
<td>Neither Bush nor challenger John F. Kerry spoke directly about the report yesterday, though at a campaign appearance in Pennsylvania the president emphasized that Hussein was a threat to the United States.</td>
<td>Neither Bush nor challenger John F. Kerry spoke directly about the report yesterday, though at a campaign appearance in Pennsylvania the president emphasized that Hussein was a threat to the United States.</td>
<td>Wars unleash unpredictable and ugly forces, even short and &quot;successful&quot; wars.</td>
<td>R's positive regard for N is increased. through (recognition of the compatibility of situations presented in N and S).</td>
</tr>
<tr>
<td></td>
<td>10,4</td>
<td>Wars unleash unpredictable and ugly forces, even short and &quot;successful&quot; wars.</td>
<td>Wars unleash unpredictable and ugly forces, even short and &quot;successful&quot; wars.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
R's readiness to accept W's right to present N is increased.

The president justified the impending invasion on grounds of pre-emptive self-defence, arguing that Baghdad could arm terrorists with weapons of mass destruction. For them and many like them, victory is meaningless.

Iraqis' problems are not at an end; they merely change in form and scale. For them and many like them, victory is meaningless.

Britain and America believe that the Security Council must approve a war to disarm and depose Saddam if there is a material breach.

"Success will be achieved when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security,"

But Arab countries, and others opposed to war, are likely to make a final argument to delay military action, saying that the discovery of a "smoking gun" proves the inspectors are effective and can disarm Iraq. R recognizes how the realization of N depends on the realization of S.

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"Success will be achieved when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security."

The president justified the impending invasion on grounds of pre-emptive self-defence, arguing that Baghdad could arm terrorists with weapons of mass destruction.

Iraqis' problems are not at an end; they merely change in form and scale.

But they will go back sooner if they regard the discovery as serious.

"Success will be achieved when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security;"

But they will go back sooner if they regard the discovery as serious.

"Success will be achieved when there is a free Iraq in which Iraqis themselves are the guarantors of their own liberty and security."

arguing that Baghdad could arm terrorists with weapons of mass destruction.

For them and many like them, victory is meaningless.

Table (12): Examples of Reversed Canonical Order of Spans in English Articles
5.6 Text Segmentation and Organization

In specifying the types of rhetorical relations used in the data, two steps are conducted: the first step is segmenting the text into spans that will serve as the atomic units of description. In RST, these spans have typically been clauses that have independent functional integrity, but certain phrases with propositional content may be considered as well. The spans used in the present analysis are essentially clauses, except that clausal subjects and complements and restrictive relative clauses are considered parts of their host clause spans rather than separate ones. The second step is one of relating these segments into appropriate rhetorical relation. The current study used the two aspects of RST specification that can be mapped into the hierarchical structure of RST.

Regarding global patterns of rhetorical organization, this study reveals five macrostructures of political editorials. These macrostructures are ELABORATION, CONCESSION, CONJUNCTION, CIRCUMSTANCE, and CONTRAST. In the ELABORATION structure, the comprehensive locus of effect constitutes the first clause of the span and is followed by one or more satellites. In the CONCESSION structure, the comprehensive locus of effect (N) is either preceded or followed the S that increases R's positive regard for N. In the CONJUNCTION structure, the first clause is always (N1) and the second clause constitutes (N2), which are conjoined to form a unit in which each span plays a comparable role. In the CIRCUMSTANCE structure, the temporal and spatial spans constitute S that sets a framework to interpret N, which either precedes or follows S. In CONTRAST structure, the (N1) always precedes (N2) to form a span that comprehended as differing in many or few respects. Consider the following figures:
total forgiveness of Baathist officers might have forestalled Sunni insurgency or might have sparred the Shiites into rebellion.

Even a large force might not have stopped the looting.

Wars unleash unpredictable and ugly forces. Even short and successful wars.

Figure (8): RST Scheme for Concession Relation in English

Duefler concluded that Hussein was not motivated by a desire to strike the United States with banned weapons.

But after extensive interviews with Hussien and his key lien tenants.

Figure (9): RST Scheme for Circumstance Relation in English
5.7 Conclusion

The examination of English editorials in terms of using RST relations has come up with the following results:

1. The predominance of Informational relations rather than Presentational is evident in English political editorials. While Informational relations make up (76.9%) of all rhetorical relations used in the 10 articles, Presentational relations constitute only (23.1%).

2. The results of the analysis suggest that certain types of RST relations, particularly ELABORATION, CONCESSION, CIRCUMSTANCE, CONJUNCTION, and CONTRAST, are essential elements of editorials and others such as JOINT, CONDITION, INTERPRETATION, EVIDENCE, JUSTIFICATION, and PURPOSE are common constituents. Yet other RST relations, including VOLITIONAL CAUSE, VOLITIONAL RESULT, EVALUATION, LIST, BACKGROUND, and SEQUENCE, are near-common constituents. While some RST relations like NON-VOLITIONAL RESULT, DISJUNCTION, PREPARATION, MEANS, SOLUTIONHOOD, NON-VOLTIONAL CAUSE, OTHERWISE, ANTITHESIS, UNCONDITIONAL, and RESTATEMENT are possible but rare elements, ENABLEMENT and MOTIVATION are impossible constituents of editorials.

3. Regarding global patterns of rhetorical organization, the data analysis indicates that most of English editorials adhere to ELABORATION, CONCESSION, CONJUNCTION, CIRCUMSTANCE, and CONTRAST macrostructures.
4. The canonical order of spans, as supposed by Mann and Thompson (1987), is reversed for some rhetorical relations like ANTITHESIS, CONCESSION, JUSTIFICATION, and CONDITION. However, this does not improve the non-readability of the text.

5. The analysis exposes some difficulties concerning the RST analysis. With respect to unit segmentation, the RST analysis sometimes deviated from a strict clause-based segmentation. For example, non-restrictive relative clauses modifying final and non-final elements of a sentence posed a problem as they split one RST unit into two.