IPTC

IPTC - NAA

News Industry Text Format

Version

1.0F June 1996

Comité International des Télécommunications de Presse

IPTC - NAA Universal Text Format

Version 1.0F

Although IPTC and NAA have reviewed the documentation, IPTC and NAA make no warranty or representation, either express or implied, with respect to this documentation, its quality, merchantability, or fitness for a particular purpose. This documentation is supplied 'as is', and you, by making use thereof, are assuming the entire risk as to its quality and suitability for your purpose.

In no event will IPTC or NAA be liable for direct, indirect, special, incidental, or consequential damages arising out of the use or inability to use the documentation, even if advised to the possibility of such damages.

Table of Contents

Introduction

The intent of this document is to describe a device-independent file format for the transfer of text and tabular information within the news industry. The capability is also provided to include references to external entities such as photographs, figures, audio and video materials, along with related documents.

The file format is called the News Industry Text Format (NITF).

History

Modern transmission of information dates to the development of the telegraph and teletype. The data formats used in this environment have evolved to the current ANPA 89-3 (1312) and IPTC 7901 (R5).

Inherent in past development was the concept that the information would appear on a printed page. Modern information technology no longer can be restricted to the printed-page model. The vastly increased flow of information requires that computers handle data for easier access by editors, database systems, and information distributors and consumers.

ELEMENT Descriptions

An element is a component of the hierarchical structure defined by a document type definition.

An element is identified in a document instance by descriptive markup, usually a start tag and an end tag.

For each element, the content model, tag minimization rules, attributes, and a usage example are provided. The actual SGML declarations for each element with it's associated attributes is shown. Finally, a list of elements which can be parents is provided.

The tag usage rules indicate whether the start and end tags for a particular element are required. In most cases they are. Some elements require only start tags and a few may be implied without any tags.

The SGML element and attribute declarations are the actual code fragments that are found in the DTD. Each element declaration shows the element name, the tag minimization requirements, and the child elements which may be used. EMPTY is an SGML construct for an element which contains no content. #PCDATA is parsed character data, also thought of as the "real text".

Note:

The following element descriptions are in alphabetic order by the name of the element.

Several of the elements are directly or indirectly recursive. It is wise to avoid taking advantage of this, as future releases may eliminate this possibility. These elements are indicated with a * in the called from list.

The NITF DTD is the final arbiter.

A - Anchor for Hypertext links

Mark for the origin or destination of a hypertext link.

Content Model:
    %A.content - currently anything that is allowed in %text via the entity A.content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Href, Name, Lang, %url.link;, %linkextraattributes;

Usage Example:
    <A Href="refptr">

SGML Element and Attribute Declarations:
```
<!ELEMENT A - - %A.content>
<!ATTLIST A
        Href      %URI;     #IMPLIED
        Name      ID        #IMPLIED
        Lang      CDATA     "en.us"
        %url.link;
        %linkextraattributes;>
```

Called From:
```
A*, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5,H6,H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

ADDRESS - Address of document author

Reference to the location where the document author can be contacted.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <ADDRESS>www.iptc.org/iptc</ADDRESS>

SGML Element and Attribute Declarations:
```
<!ELEMENT ADDRESS - - (#PCDATA)>
<!ATTLIST ADDRESS %attrs;>
```

Called From:
```
BODY
```

ADDRESSEE - Person addressed

Structured address that includes name, function (title), and location.

Content Model:
    The <ADDRESSEE> consists of a <PERSON> - Human individual, followed by an optional
    <FUNCTION> - Person role, followed by a <CARE.OF> - Poste Restante

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    None

Usage Example:
    <ADDRESSEE> <PERSON>Steve Graham</PERSON>
    <FUNCTION>GURU</FUNCTION></ADDRESSEE>

SGML Element and Attribute Declarations:
    `<!ELEMENT ADDRESSEE - o (PERSON, FUNCTION?, CARE.OF)>`

Called From:
    MAILADDR

ANPA89-3 - ANPA 89-3 Wire Header

Place to encapsulate the ANPA 89-3 Wire Header. This is the current release of the ANPA 1312
standard.

Content Model:
    The <ANPA89-3> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Sart is required, end tag is optional.

Attributes:
    anpa89-3.sld ,anpa89-3.storynum, anpa89-3.visual, anpa89-3.selcode, anpa89-3.priority,
    anpa89-3.category, anpa89-3.formatid, anpa89-3.keyword, anpa89-3.version, anpa89-
    3.reference, anpa89-3.filedate, anpa89-3.words, anpa89-3.timedate

Usage Example:
    <HEAD><ANPA89-3.WIREHEAD anpa89-3.sld="p" anpa89-3.storynum="3661" anpa89-
    3.visual="" anpa89-3.selcode="9g253" anpa89-3.priority="u" anpa89-3.category="f" anpa89-
    3.formatid="42" anpa89-3.keyword="STOCKSINTHESPOTLIGHT" anpa89-3.version=""
    anpa89-3.reference="" anpa89-3.filedate="02-24" anpa89-3.words="0126" anpa89-
    3.timedate="AP-WS-02-24-93 1208EST<"></HEAD>

SGML Element and Attribute Declarations:
```
<!ELEMENT ANPA89-3 - o EMPTY>
<!ATTLIST ANPA89-3.WIREHEAD -- from ANPA Special Report 89-3 --
      anpa89-3.sld      CDATA #IMPLIED -- --
      anpa89-3.storynum NUMBER #IMPLIED
      anpa89-3.visual   CDATA    #IMPLIED
      anpa89-3.selcode  CDATA #IMPLIED
      anpa89-3.priority CDATA #IMPLIED
      anpa89-3.category CDATA #IMPLIED
      anpa89-3.formatid (31 | 32 | 41 | 42 ) #IMPLIED
      anpa89-3.keyword  CDATA #IMPLIED
      anpa89-3.version  CDATA #IMPLIED
      anpa89-3.reference   CDATA #IMPLIED
      anpa89-3.filedate CDATA #IMPLIED
      anpa89-3.words    NUMBER #IMPLIED
      anpa89-3.timedate CDATA #IMPLIED>
```

Called From:
    HEAD

AUDIO - Audio information

Basic structure to contain audio information, includes caption and producer / creator in addition to actual audio.

Content Model:
    The <AUDIO> element contains the optional information <AUDIO.CAPTION> - Text describing audio, and <AUDIO.PRODUCER> - Byline of audio producer, along with the required <AUDIO.DATA> - Actual audio

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;, Src, %url.link;, Length

Usage Example:
    <AUDIO Length="0:00:10.0"><AUDIO.CAPTION>This is an audio take.</AUDIO.CAPTION><AUDIO.PRODUCER>David Allen<AUDIO.PRODUCER><AUDIO.DATA></AUDIO>

SGML Element and Attribute Declarations:
```
<!ELEMENT AUDIO - - (AUDIO.CAPTION?, AUDIO.PRODUCER?, AUDIO.DATA)>
<!ATTLIST AUDIO
      %attrs;
      Src       %URI;     #REQUIRED
      %url.link;
      Length    NUMBER    #IMPLIED>
```

Called From:
    BLOCK, DD, LI

AUDIO.CAPTION - Text describing audio

Description about provided audio contents, which may include information about how to use it.

Content Model:
    The <AUDIO.CAPTION> consists of a <CAPTION> - Text for caption

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <AUDIO.CAPTION>This is an audio take.</AUDIO.CAPTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT AUDIO.CAPTION - - (CAPTION)>
```

Called From:
    AUDIO

AUDIO.DATA - Actual audio

Digitized audio information, attributes provide copyright information.

Content Model:
> The <AUDIO.DATA> element is defined as empty, meaning that it contains no content. It provides an indication of where the audio data instance should occur and who owns the copyright.

Tag Usage Rules:
> Start tag is always required, end tag is optional and generally not used.

Attributes:
> None

Usage Example:
> <AUDIO><AUDIO.DATA Copyright="IPTC"></AUDIO>

SGML Element and Attribute Declarations:
```
<!ELEMENT AUDIO.DATA - o EMPTY>
<!ATTLIST AUDIO.DATA
     Copyright          CDATA     #IMPLIED>
```

Called From:
```
AUDIO
```

AUDIO.PRODUCER - Byline of audio producer

Byline of audio producer / creator.

Content Model:
> The <AUDIO.PRODUCER> consists of one or more <BYLINE> - Container for byline information

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> None

Usage Example:
> <AUDIO.PRODUCER><BYLINE><PERSON>David Allen</PERSON></BYLINE></AUDIO.PRODUCER>

SGML Element and Attribute Declarations:
```
<!ELEMENT AUDIO.PRODUCER - - (BYLINE)+>
```

Called From:
```
AUDIO
```

BANNER - Non-Scrolling Text Area

The BANNER element, an HTML 3 tag, is used for a banner section which appears at the top of the window and doesn't scroll with window contents. This can be used for corporate logos, copyright statements and disclaimers, as well as customized navigation/search controls.

Content Model:
    <BANNER> contains %banner.content which references %body.content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <BANNER><P>Latest Reuters News</P></BANNER>

SGML Element and Attribute Declarations:
```
<!ELEMENT BANNER - - (%banner.content;)+>
<!ATTLIST BANNER        %attrs;>
```

Called From:
    HEAD

BASE - Reference context for URLs

Used to provide a reference for relative addressing.

Content Model:
    The <BASE> element is defined as empty, meaning that it contains no content, all
    information is transfered via attributes.

Tag Usage Rules:
    Start tag is required, end tag is optional and generally not used.

Attributes:
    ID, Href

Usage Example:
    <BASE ID="xxx">

SGML Element and Attribute Declarations:
```
<!ELEMENT BASE - o EMPTY>
<!ATTLIST BASE
      ID        ID        #IMPLIED
      Href      %URI;     #REQUIRED>
```

Called From:
    HEAD

BLOCK - Body grouping agent

The <BLOCK> element provides encapsulation of information within the <BODY>. All of the
major groups are contained within block through the reference to %block.content.

Content Model:
    The <BLOCK> element references its child structures via %block.content. This provides the
    option via %block.content; (<P>, <TABLE>, <FIG>, <IMG>, <PHOTO>, <AUDIO>,
    <VIDEO>, <%list;(<OL>, <UL>, or <DL>>, <BQ>, <FN>, <NOTE>, <PRE>, and
    <HR>).

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <BLOCK><P>This is running text.</P></BLOCK>

SGML Element and Attribute Declarations:
```
<!ELEMENT BLOCK - - (%block.content;)*>
```

Called From:
```
BANNER, BODY, BQ, DT, FIG.DATA, FN, NOTE, TD, TH
```

BODY - Document Body

This designates the content portion of the NITF in contrast to the header portion.

Content Model:
    The <BODY> contains header, content, and trailer information as enumerated in the %body.head, %body.content, and %body.end. The heading information is optional, the content can appear zero or more times, and the ending information is also optional at the next level.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;, Background

Usage Example:
    <BODY><BLOCK><P>This is running text.</P></BLOCK></BODY>

SGML Element and Attribute Declarations:
```
<!ELEMENT BODY - - ((%body.head;)?, (%body.content;)*, (%body.end;))>
<!ATTLIST BODY
        %attrs;
        Background          %URI;      #IMPLIED>
```

Called From:
```
NITF
```

BQ - Block quote

Used for material quoted from an external source.

Content Model:
    The <BQ> allows a combination of headings or blocks with an optional credit. The contents may be repeated multiple times to allow for all the necessary requirements.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;, Nowrap

Usage Example:
    <BQ><BLOCK>paragraph text, etc.</BLOCK></BQ>

SGML Element and Attribute Declarations:

```
<!ELEMENT BQ - - ((%heading; | %block;)+, CREDIT?)*>
<!ATTLIST BQ
      %attrs;
      Nowrap    (nowrap)   #IMPLIED>
```

Called From:
```
BLOCK, DD, LI
```

BR - Forced Line Break

This is used to force a linebreak within a paragraph or other appropriate locations. Typically for presentation only.

Content Model:
The <BR> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
Start tag is required, end tag is optional and generally not used.

Attributes:
None

Usage Example:
<P>text...
text...</P>

SGML Element and Attribute Declarations:
```
<!ELEMENT BR - o EMPTY>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

BYLINE - Container for byline information

This element provides for the byline of the story or ancillary information. It can either be structured with direct specification of the responsible person / entity and their title or unstructured text can be provided.

Content Model:
The <BYLINE> has two options, either a <PERSON> with optional <BYTTL> may be used or optionally unstructure text within the <BYTAG> tag.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<BYLINE><PERSON>Jeff Field</PERSON><BYTTL>Interim Editor for Life</BYTTL></BYLINE>

SGML Element and Attribute Declarations:
```
<!ELEMENT BYLINE - - ((PERSON, BYTTL?) | BYTAG)>
```

Called From:

```
AUDIO.PRODUCER, BODY, FIG.PRODUCER, IMG.PRODUCER, PHOTO.PRODUCER,
VIDEO.PRODUCER
```

BYTAG - Byline tag

The <BYTAG> provides a mechanism for an unstructured byline without mixed content.

Content Model:
    The <BYTAG> consists of unstructure text in the form of #PCDATA.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <BYLINE><BYTAG>Canadian Press Staff Writer</BYTAG></BYLINE>

SGML Element and Attribute Declarations:
    `<!ELEMENT BYTAG - - (#PCDATA)>`

Called From:
    BYLINE

BYTTL - Byline title

Title of the person / entity associated with the <BYLINE> and a specified <PERSON>.

Content Model:
    The <BYTTL> consists of unstructured text in the form of #PCDATA.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
None

Usage Example:
    <BYTTL>Interim Editor for Life</BYTTL>

SGML Element and Attribute Declarations:
    `<!ELEMENT BYTTL - - (#PCDATA)>`

Called From:
    BYLINE

CAPTION - Text for caption

The <CAPTION> is descriptive text generally used to describe a non-textual object. The caption is generally intented to be published although it may be edited.

Content Model:
    The <CAPTION> consists of %text which is unstructured text with additional inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;, align

Usage Example:
    <CAPTION>This is the text of the caption</CAPTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT CAPTION - - (%text;)>
<!ATTLIST CAPTION
        %attrs;
        align    (top | bottom | left | right) #IMPLIED>
```

Called From:
    AUDIO.CAPTION, FIG.CAPTION, IMG.CAPTION, PHOTO.CAPTION, VIDEO.CAPTION,
    TABLE

CARE.OF - Poste Restante

This element provides a simple poste restante.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <CARE.OF>DPA</CARE.OF>

SGML Element and Attribute Declarations:
```
<!ELEMENT CARE.OF - - (#PCDATA)>
```

Called From:
ADDRESSEE

CHRON - Date & Time

The <CHRON> element provides for the identification of a date and time.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Norm

Usage Example:
    <CHRON>00:30:45+2</CHRON>

SGML Element and Attribute Declarations:

```
<!ELEMENT CHRON - - (#PCDATA)>
<!ATTLIST CHRON
        Norm    CDATA    #IMPLIED>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

CITY - City/Town/Village/etc.

The <CITY> element provides for the identification of a municipal entity such as a city, town, village, borough, etc.

Content Model:
    The <CITY> consists of %text which consists of parsed character data and inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <CITY>Windsor</CITY>

SGML Element and Attribute Declarations:
```
<!ELEMENT CITY - - (%text;)>
```

Called From:
```
LOCATION
```

CLINK - Context Link

The contextual link or CLINK represents a hypertext link that contains its source linkend and points to one other location.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Hytime, Linkend, ID

Usage Example:
    <CLINK>hypertext link address</CLINK>

SGML Element and Attribute Declarations:
```
<!ELEMENT CLINK - - (#PCDATA)>
<!ATTLIST CLINK
        Hytime   name     CLINK
        Linkend  idrefs   #REQUIRED
        ID       id       #IMPLIED>
```

Called From:

```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

COL - Column

Column information.

Content Model:
> The <COL> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
> Start tag is required, end tag is optional and generally not used.

Attributes:
> %attrs;, Span, Width, %cell.halign, %cell.valign

Usage Example:
> <COL align="center">

SGML Element and Attribute Declarations:
```
<!ELEMENT COL - o EMPTY>
<!ATTLIST COL
      %attrs;
      Span      NUMBER   1
      Width     CDATA    #IMPLIED
      %cell.halign;
      %cell.valign;>
```

Called From:
> COLGROUP, TABLE

COLGROUP - Column group

Group of columns treated as a single entity.

Content Model:
> The <COLGROUP> consists of one of more columns <COL>.

Tag Usage Rules:
> Start tag is required, end tag is optional.

Attributes:
> %attrs;, %cell.halign;, %cell.valign

Usage Example:
> <COLGROUP><COL width="1"><COL width="2">

SGML Element and Attribute Declarations:
```
<!ELEMENT COLGROUP - o (COL+)>
<!ATTLIST COLGROUP
      %attrs;
      %cell.halign;
      %cell.valign;>
```

Called From:

```
TABLE
```

COPYRITE - Container for copyright information

Specification of the document copyright information. Spelling is intentional.

Content Model:
The <COPYRITE> consists of a single instance of the year and holder. Bother are required if used.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<COPYRITE><COPYRITE.YEAR>1996</COPYRITE.YEAR><COPYRITE.HOLDER>Agencie France Presse<COPYRITE.HOLDER></COPYRITE>

SGML Element and Attribute Declarations:
```
<!ELEMENT COPYRITE - - (COPYRITE.YEAR, COPYRITE.HOLDER)>
```

Called From:
```
BODY
```

COPYRITE.HOLDER - Copyright holder

Name of the individual / entity which holds the copyright.

Content Model:
#PCDATA – simple text composed of parsed character data

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<COPYRITE.HOLDER>Agencie France Presse<COPYRITE.HOLDER>

SGML Element and Attribute Declarations:
```
<!ELEMENT COPYRITE.HOLDER - - (#PCDATA)>
```

Called From:
```
COPYRITE
```

COPYRITE.YEAR - Copyright year

Year of copyright.

Content Model:
#PCDATA – simple text composed of parsed character data

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <COPYRITE.YEAR>1996</COPYRITE.YEAR>

SGML Element and Attribute Declarations:
    `<!ELEMENT COPYRITE.YEAR - - (#PCDATA)>`

Called From:
    `COPYRITE`

COUNTRY - Country

Name of country.

Content Model:
    The <COUNTRY> consisted of parsed character data.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <COUNTRY>Australia</COUNTRY>

SGML Element and Attribute Declarations:
    `<!ELEMENT COUNTRY - - (#PCDATA)>`

Called From:
    `LOCATION, MAILADDRESS`

CREDIT - Information provider

Provider of information, not necessarily the owner.

Content Model:
    The <CREDIT> consisted of parsed character data.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <CREDIT>Presstime Magazine</CREDIT>

SGML Element and Attribute Declarations:
    `<!ELEMENT CREDIT - - (%text;)>`
    `<!ATTLIST CREDIT %attrs;>`

Called From:

```
BQ
```

DATALOC - Hytime dataloc

Data location indicator in Hytime.

Content Model:
 The <DATALOC> element contains a <DIMLIST>.

Tag Usage Rules:
 Start tag is always required, end tag is optional.

Attributes:
 ID, Locsrc, Quantum, HyTime

Usage Example:
 <DATALOC id=myloc quantum=str><DIMLIST>16180338</DIMLIST></DATALOC>

SGML Element and Attribute Declarations:
```
<!ELEMENT DATALOC - o (DIMLIST)>
<!ATTLIST DATALOC
       ID       id        #REQUIRED
       Locsrc   idref     #IMPLIED
       Quantum  (norm)    norm
       HyTime   name      DATALOC >
```

Called From:
```
LINKPOOL
```

DATELINE - Container for dateline information

The date and location of the story.

Content Model:
 The <DATELINE> contains a <LOCATION> where the story occured along with an optional date within <STORY.DATE>.

Tag Usage Rules:
 Both start and end tags are always required.

Attributes:
 None

Usage Example:
 <DATELINE><LOCATION>The Hague</LOCATION></DATELINE>

SGML Element and Attribute Declarations:
```
<!ELEMENT DATELINE - - (LOCATION, STORY.DATE?)>
```

Called From:
```
BODY
```

DD - Definition definition

Definition in a definition list.

Content Model:
 The element <DD> can contain anything a block can contain.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;

Usage Example:
    <DD>paragraph data, etc.</DD>

SGML Element and Attribute Declarations:
```
<!ELEMENT DD - o (%block.content;)>
<!ATTLIST DD %attrs;>
```

Called From:
    DL

DELIVERY.OFFICE - Postal city or town

Name of a regional delivery location for postal.

Content Model:
    #PCDATA – simple text composed of parsed character data, or a <BR> break. This items are repeated as needed.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <DELIVERY.OFFICE>Henley on Thames</DELIVERY.OFFICE>

SGML Element and Attribute Declarations:
```
<!ELEMENT DELIVERY.OFFICE - - ((#PCDATA) | BR)+>
```

Called From:
    MAILADDRESS

DELIVERY.POINT - Street, PO Box No

Name of a deliver location for postal.

Content Model:
    #PCDATA – simple text composed of parsed character data, or a <BR> break

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <DELIVERY.POINT>10 Sheet Street</DELIVERY.POINT>

SGML Element and Attribute Declarations:
```
<!ELEMENT DELIVERY.POINT - - ((#PCDATA) | BR)+>
```

DENOM - Fraction denominator

Demoninator of a fraction within a number

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <FRAC><NUMER>1</NUMER><DENOM>17</DENOM></NUM>

SGML Element and Attribute Declarations:
    <!ELEMENT DENOM - - (#PCDATA)>

Called From:
    FRAC

DIMLIST - Hytime Dimension List

Architectural form for providing a list of dimensions.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    HyTime

Usage Example:
    <DIMLIST>1 2 5 -3 9 4</DIMLIST>

SGML Element and Attribute Declarations:
    <!ELEMENT DIMLIST - - (#PCDATA)>
    <!ATTLIST DIMLIST
        HyTime   NAME   DIMLIST>

Called From:
    DATALOC

DL - Definition List

HTML definition list.

Content Model:
    The <DL> element consists of an optional list head <LH> followed by one or more
    definitions, where a definition consists of an optional definition term <DT> and a definition
    <DD>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <DL><LH>Stuff</LH><DD>paragraph data, etc.<DD>paragraph data, etc.</DL>

SGML Element and Attribute Declarations:
```
<!ELEMENT DL - - (LH?, (DT?, DD)+)>
<!ATTLIST DL %attrs;>
```

Called From:
    BANNER, BLOCK, BODY, DD, FIG.DATA, FN, LI, NOTE, TD, TH

DS - IIM Record 2 dataset information

IIM DataSet information, restricted to record 2 only.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Num

Usage Example:
    <IIM><DS num="2:05">Ferry Sinks</DS><DS num="2:10">1</DS></IIM>

SGML Element and Attribute Declarations:
```
<!ELEMENT DS - - (#PCDATA)><!-- Record 2 Only -->
<!ATTLIST DS
        Num      NUTOKEN  #REQUIRED>
```

Called From:
    IIM

DT - Definition term

Term to be defined in an HTML definition list.

Content Model:
    The <DT> is %text representing text with inline markup.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;

Usage Example:
    <DT>****</DT>

SGML Element and Attribute Declarations:
```
<!ELEMENT DT - o (%text;)>
```

```
<!ATTLIST DT %attrs;>
```

Called From:
```
DL
```

EM - Emphasis

A mechanism to indicate text which should have emphasis applied. Actual representation is presentation / application dependent. Different situation may use different representation.

Content Model:
`#PCDATA` – simple text composed of parsed character data

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs;

Usage Example:
<EM>emphasize this text</EM>

SGML Element and Attribute Declarations:
```
<!ELEMENT EM - - (#PCDATA)>
<!ATTLIST EM %attrs;>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

EVENT - An event

The name of an event.

Content Model:
`#PCDATA` – simple text composed of parsed character data

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<EVENT>World Cup '96</EVENT>

SGML Element and Attribute Declarations:
```
<!ELEMENT EVENT - - (#PCDATA)>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

FIG - Figure

The basic architecture for a figure.

Content Model:
    The <FIG> element contains an optional caption <FIG.CAPTION> and producer
    <FIG.PRODUCER> and the required actual figure <FIG.DATA> reference.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs, Src, %url.link, %block.align, Noflow, Width, Height, Imagemap

Usage Example:
    <FIG><FIG.CAPTION><CAPTION>This is a
    figure</CAPTION></FIG.CAPTION><FIG.PRODUCER><BYLINE><BYTAG>Production
    Associates</BYTAG></BYLINE></FIG.PRODUCER><FIG.DATA></FIG>

SGML Element and Attribute Declarations:
```
<!ELEMENT FIG - - (FIG.CAPTION?, FIG.PRODUCER?, FIG.DATA)>
<!ATTLIST FIG
        %attrs;
        Src       %URI;     #REQUIRED
        %url.link;
        %block.align;
        Noflow    (noflow) #IMPLIED
        Width     NUMBER   #IMPLIED
        Height    NUMBER   #IMPLIED
        Imagemap (%URI;)  #IMPLIED>
```

Called From:
```
BLOCK, DD, LI
```

FIG.CAPTION - Text describing figure

Description of provided figure contents, which may include information about how to use it.

Content Model:
    The <FIG.CAPTION> element consists of the caption text <CAPTION>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <FIG.CAPTION><CAPTION>This is a figure</CAPTION></FIG.CAPTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT FIG.CAPTION - - (CAPTION)>
```

Called From:
```
FIG
```

FIG.DATA - Actual figure

The actual data for the figure with attributes for copyright information.

Content Model:
    The <FIG.DATA> element currently supports any items that are part of the body.content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Copyright

Usage Example:
    <FIG><FIG.DATA Copyright="TASS/ITAR">***</FIG.DATA></FIG>

SGML Element and Attribute Declarations:
```
<!ELEMENT FIG.DATA - - (%body.content;)>
<!ATTLIST FIG.DATA
        Copyright          CDATA #IMPLIED>
```

Called From:
```
FIG
```

FIG.PRODUCER - Byline of figure producer

Byline of figure producer / creator.

Content Model:
    The <FIG.PRODUCER> consists of one or more <BYLINE> instances.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <FIG.PRODUCER><BYLINE><BYTAG>Production
    Associates</BYTAG></BYLINE></FIG.PRODUCER>

SGML Element and Attribute Declarations:
```
<!ELEMENT FIG.PRODUCER - - (BYLINE)+>
```

Called From:
```
FIG
```

FN - Footnote

Specification for a footnote instance.

Content Model:
    The <FN> can have any items within %body.content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <FN><P>This is footnote text.</P></FN>

SGML Element and Attribute Declarations:
```
<!ELEMENT FN - - (%body.content;)>
```

```
<!ATTLIST FN %attrs;>
```

Called From:
```
BLOCK, DD, LI
```

FRAC - Fraction

The architecture for a fraction.

Content Model:
> The <FRAC> consists of a numerator <NUMER> and a denominator <DENOM>.

Tag Usage Rules:
> Start and end tags are required.

Attributes:
> None

Usage Example:
> <FRAC><NUMER>1</NUMER><DENOM>2</DENOM></FRAC>

SGML Element and Attribute Declarations:
```
<!ELEMENT FRAC - - (NUMER, DENOM)>
```

Called From:
```
NUM
```

FUNCTION - Person role

Job title, activity, or other role ascribed to a person

Content Model:
```
#PCDATA - simple text composed of parsed character data
```

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> None

Usage Example:
> <FUNCTION>Chief GURU</FUNCTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT FUNCTION - - (#PCDATA)>
```

Called From:
```
ADDRESSEE
```

H1 - First level header

First level heading.

Content Model:
> The <H1> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H1>Heading at level 1</H1>

SGML Element and Attribute Declarations:
```
<!ELEMENT H1 - - (#PCDATA | %inline;)*>
<!ATTLIST H1 %attrs;>
```

Called From:
```
BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH
```

H2 - Second level header

Second level heading.

Content Model:
    The <H2> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H2>Heading at level 2</H2>

SGML Element and Attribute Declarations:
```
<!ELEMENT H2 - - (#PCDATA | %inline;)*>
<!ATTLIST H2 %attrs;>
```

Called From:
```
BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH
```

H3 - Third level header

Third level heading.

Content Model:
    The <H3> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H3>Heading at level 3</H3>

SGML Element and Attribute Declarations:
```
<!ELEMENT H3 - - (#PCDATA | %inline;)*>
<!ATTLIST H3 %attrs;>
```

Called From:
```
BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH
```

H4 - Fourth level header

Fourth level heading.

Content Model:
The <H4> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs;

Usage Example:
<H4>Heading at level 4</H4>

SGML Element and Attribute Declarations:
```
<!ELEMENT H4 - - (#PCDATA | %inline;)*>
<!ATTLIST H4 %attrs;>
```

Called From:
```
BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH
```

H5 - Fifth level header

Fifth level heading.

Content Model:
The <H5> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs;

Usage Example:
<H5>Heading at level 5</H5>

SGML Element and Attribute Declarations:
```
<!ELEMENT H5 - - (#PCDATA | %inline;)*>
<!ATTLIST H5 %attrs;>
```

Called From:
```
BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH
```

H6 - Sixth level header

Sixth level heading.

Content Model:
The <H6> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H6>Heading at level 6</H6>

SGML Element and Attribute Declarations:
```
<!ELEMENT H6 - - (#PCDATA | %inline;)*>
<!ATTLIST H6 %attrs;>
```

Called From:
    BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH

H7 - Seventh level header

Seventh level heading.

Content Model:
    The <H7> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H7>Heading at level 7</H7>

SGML Element and Attribute Declarations:
```
<!ELEMENT H7 - - (#PCDATA | %inline;)*>
<!ATTLIST H7 %attrs;>
```

Called From:
    BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH

H8 - Eighth level header

Eighth level heading.

Content Model:
    The <H8> element is mixed content containing parsed character data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <H8>Heading at level 8</H8>

SGML Element and Attribute Declarations:
```
<!ELEMENT H8 - - (#PCDATA | %inline;)*>
<!ATTLIST H8 %attrs;>
```

Called From:
    BANNER, BODY, BQ, FIG.DATA, FN, NOTE, TD, TH

HEAD - Document Header Information

The basic structure to contain all of the supplied header information.

Content Model:
    The <HEAD> contains electronic publishing information (head.html), basic data about the
    document (head.docdata), and linkage information (head.links).

Tag Usage Rules:
    Both start and end tags are required.

Attributes:
    None

Usage Example:
    <NITF><HEAD>Header info</HEAD><BODY>...</BODY></NITF>

SGML Element and Attribute Declarations:
    <!ELEMENT HEAD - - ((%head.html;), (%head.docdata;), (%head.links;)?)>

Called From:
    NITF

HEDLINE - Container for head line and subheads

The HEDLINE provides for a story headline and subheads.

Content Model:
    The <HEDLINE> contains a single <HL1> followed by zero or more <HL2> subheads.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <HEDLINE><HL1>The main head</HL1></HEDLINE>

SGML Element and Attribute Declarations:
    <!ELEMENT HEDLINE - - (HL1, HL2*)>

Called From:
    BODY

HL1 - Headline 1

Headline for the story.

Content Model:
    The <HL1> element is mixed content containing parsed character data and inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <HL1>Story headline</HL1>

SGML Element and Attribute Declarations:
```
<!ELEMENT HL1 - - (#PCDATA | %inline;)>
<!ATTLIST HL1 %attrs;>
```

Called From:
    HEDLINE

HL2 - Headline 2 (Subhead)

Subhead for the story.

Content Model:
    The <HL2> element is mixed content containing parsed character data and inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <HL2>Story subhead</HL2>

SGML Element and Attribute Declarations:
```
<!ELEMENT HL2 - - (#PCDATA | %inline;)>
<!ATTLIST HL2 %attrs;>
```

Called From:
    HEDLINE

HR - Horizontal rule

Provides a mechanism to specify to location of a horizontal rule for display / presentation purposes.

Content Model:
    The <HR> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    The start is always required, then end tag is optional and generally not used.

Attributes:
    Src

Usage Example:
    <P>The text has a rule at this point<HR>with this under the rule.</P>

SGML Element and Attribute Declarations:
```
<!ELEMENT HR - o EMPTY>
<!ATTLIST HR
      Src       %URI;     #IMPLIED>
```

Called From:
```
BANNER, BODY, BQ, DD, FIG.DATA, FN, LI, NOTE
```

IIM - IIM Record 2 Data Container

The location of for IIM Record 2 DataSet information.

Content Model:
> The <IIM> element consists of zero or more <DS> dataset elements.

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> Ver

Usage Example:
> <IIM Ver="3"><DS num="2:05">Ferry Sinks</DS><DS num="2:10">1</DS></IIM>

SGML Element and Attribute Declarations:
```
<!ELEMENT IIM - - (DS*)>
<!ATTLIST IIM
     Ver      NUTOKEN  #IMPLIED>
```

Called From:
```
HEAD
```

IMG - Image

Basic structure to contain image information, includes caption and producer / creator in addition to actual image. It is intended for composite information.

Content Model:
> The <IMG> element contains an optional caption <IMG.CAPTION> and producer <IMG.PRODUCER> as well as the actual image itself <IMG.DATA>.

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> %attrs;, Src, %url.link;, Alt, Align, Width, Height, Units, Ismap

Usage Example:
> <IMG><IMG.CAPTION><CAPTION>This is an image</CAPTION></IMG.CAPTION><IMG.PRODUCER><BYLINE><BYTAG>Production Associates</BYTAG></BYLINE></IMG.PRODUCER><IMG.DATA ID=xxx></IMG>

SGML Element and Attribute Declarations:
```
<!ELEMENT IMG - - (IMG.CAPTION?, IMG.PRODUCER?, IMG.DATA)>
<!ATTLIST IMG
     %attrs;
     Src       %URI;     #REQUIRED
     %url.link;
     Alt       CDATA     #IMPLIED
     Align     (top|middle|bottom|left|right) top
     Width     NUMBER    #IMPLIED
     Height    NUMBER    #IMPLIED
     Units     (pixels) pixels
     Ismap     (ismap)   #IMPLIED>
```

Called From:
    BLOCK, DD, LI

IMG.CAPTION - Text describing image

Description about provided image, which may include information about how to use it.

Content Model:
    The <IMG.CAPTION> element consists of the caption text <CAPTION>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <IMG.CAPTION><CAPTION>This is an image</CAPTION></IMG.CAPTION>

SGML Element and Attribute Declarations:
    <!ELEMENT IMG.CAPTION - - (CAPTION)>

Called From:
    IMG

IMG.DATA - Actual image

The actual image with attributes to indicate the copyright information.

Content Model:
    The <IMG.DATA> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Copyright

Usage Example:
    <IMG><IMG.DATA Copyright=xxx></IMG>

SGML Element and Attribute Declarations:
    <!ELEMENT IMG.DATA - - EMPTY>
    <!ATTLIST IMG.DATA
          Copyright   CDATA #IMPLIED>

Called From:
    IMG

IMG.PRODUCER - Byline of image producer

Byline for the image producer / creator.

Content Model:
    The <IMG.PRODUCER> element consists of one or more producers as encapsulated within <BYLINE>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <IMG.PRODUCER><BYLINE><BYTAG>Production
    Associates</BYTAG></BYLINE></IMG.PRODUCER>

SGML Element and Attribute Declarations:
    <!ELEMENT IMG.PRODUCER - - (BYLINE)+>

Called From:
    IMG

IPTC7901 - IPTC 7901 Wire Header (Version R5)

Place to encapsulate the IPTC 7901 Wire Header (Version R5).

Content Model:
    The <IPTC7901> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Sart is required, end tag is optional.

Attributes:
    iptc7901.svcid, iptc7901.msgnum, iptc7901.priority, iptc7901.category, iptc7901.words,
    iptc7901.optinfo, iptc7901.keyword, iptc7901.catchline, iptc7901.timedate

Usage Example:
    <HEAD><IPTC7901.WIREHEAD iptc7901.word="519"></HEAD>

SGML Element and Attribute Declarations:
    <!ELEMENT IPTC7901.WIREHEAD - o EMPTY>
    <!ATTLIST IPTC7901.WIREHEAD -- from IPTC 7901 R4 (1991) --
        iptc7901.svcid   CDATA #IMPLIED
        iptc7901.msgnum   NUMBER #IMPLIED
        iptc7901.priority CDATA #IMPLIED
        iptc7901.category CDATA #IMPLIED
        iptc7901.words   NUMBER #IMPLIED
        iptc7901.optinfo CDATA #IMPLIED
        iptc7901.keyword CDATA #IMPLIED
        iptc7901.catchline   CDATA #IMPLIED
        iptc7901.timedate CDATA #IMPLIED>

Called From:
    HEAD

LANG - Language Identifier

Indication of language for encapsulated text.

Content Model:
    The <LANG> element contains %text, which is parsed characted data with inline markup.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
     %attrs;

Usage Example:
     <LANG Lang="German">Deutsch</LANG>

SGML Element and Attribute Declarations:
```
<!ELEMENT LANG - - (%text;)+>
<!ATTLIST LANG %attrs;>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG*, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

LH - List header

List heading information

Content Model:
     The <LH> element contains %text which is parsed character data with inline markup.

Tag Usage Rules:
     Start tag is required, end tag is optional.

Attributes:
     %attrs;

Usage Example:
     <LH>Items</LH>

SGML Element and Attribute Declarations:
```
<!ELEMENT LH - o (%text;)>
<!ATTLIST LH %attrs;>
```

Called From:
```
DL, OL, UL
```

LI - List item

The element provides an entry for a list.

Content Model:
     The <LI> element contains a block.

Tag Usage Rules:
     Start tag is required, end tag is optional.

Attributes:
     %attrs, Dingbat, Src, %url.link, Skip

Usage Example:
     <LI><BLOCK><P>List graph.</P></BLOCK></LI>

SGML Element and Attribute Declarations:
```
<!ELEMENT LI - o (%block;) >
<!ATTLIST LI
        %attrs;
```

```
          Dingbat   ENTITY   #IMPLIED
          Src       (%URI;;) #IMPLIED
          %url.link;
          Skip      NUMBER   0>
```

Called From:
    OL, UL

LINK - Link Attriubtes

Link pointers to alternate documents

Content Model:
    The <LINK> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Start tag is required, end tag is optional and generally not used.

Attributes:
    href, %linkextraattributes

Usage Example:
    <LINK href=xxx>

SGML Element and Attribute Declarations:
```
    <!ELEMENT LINK - o EMPTY>
    <!ATTLIST LINK
         href %URI #REQUIRED
         %linkextraattributes;>
```

Called From:
    HEAD

LINKPOOL - Hytime linkpool

Collection of links to other objects.

Content Model:
    The <LINKPOOL> element consists of zero or more instances of <NMLIST>, <NAMELOC>,
    <DATALOC>, and <TREELOC>.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    None

Usage Example:
    <LINKPOOL><DATALOC><DIMLIST>xxx</DIMLIST></DATALOC></LINKPOOL>

SGML Element and Attribute Declarations:
```
    <!ELEMENT LINKPOOL - O (NMLIST | NAMELOC | DATALOC | TREELOC)*>
```

Called From:

LOCATION - Significant place

Architecture for a geographic location.

Content Model:
The <LOCATION> element is mixed content consisting of either parsed character data or structured information of an optional <SUBLOCATION>, <CITY>, <STATE>, <REGION>, and <COUNTRY>.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<LOCATION><CITY>Athens</CITY></LOCATION>

SGML Element and Attribute Declarations:
```
<!ELEMENT LOCATION - - (SUBLOCATION | CITY | STATE | REGION | COUNTRY |
              #PCDATA)*>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DATELINE, DT, FIG.DATA, FN, H1,
H2, H3, H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NONIIM, NOTE, P, Q,
STATE, SUBLOCATION, TAGLINE, TD, TH
```

MAILADDR - Mailing address

Architecture for a mailing address.

Content Model:
The <MAILADDR> element contains the following group <ADDRESSEE>, optional delivery point <DELIVERY.POINT>, with zero or more of <POSTCODE>, <DELIVERY.OFFICE>, <REGION>, and <COUNTRY>.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<MAILADDR><ADDRESSEE>Klaus Sprick</ADDRESSEE><DELIVERY.OFFICE>Hamburg</DELIVERY.OFFICE></MAILADDR>

SGML Element and Attribute Declarations:
```
<!ELEMENT MAILADDR - - (ADDRESSEE, DELIVERY.POINT?, (POSTCODE |
              DELIVERY.OFFICE | REGION | COUNTRY)*)>
```

Called From:

```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

MARKLIST - Hytime treeloc marklist

A Hytime construct that is used to hold a list of signed number markers.

Content Model:
  #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
  Both start and end tags are optional.

Attributes:
  HyTime

Usage Example:
  <MARKLIST>1 2 5 -10</MARKLIST>

SGML Element and Attribute Declarations:
```
    <!ELEMENT MARKLIST o o (#PCDATA)>
    <!ATTLIST MARKLIST
        HyTime   NAME    MARKLIST>
```

Called From:
  TREELOC

META - Environment Data

An HTML construct for sending undisplayed generic metadata.

Content Model:
  The <META> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
  Start tag is required, end tag is optional which is generally not used.

Attributes:
  Http-equiv, Name, Content

Usage Example:
  <META Name="Special Name">

SGML Element and Attribute Declarations:
```
    <!ELEMENT META - o EMPTY>
    <!ATTLIST META
        Http-equiv        NAME      #IMPLIED
        Name      NAME      #IMPLIED
        Content   CDATA     #REQUIRED>
```

Called From:
  HEAD

MONEY - Monetary item

Identification for a montary item with attribute to identify type of units.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Unit

Usage Example:
    <MONEY Unit="Mexican Pesos">500</MONEY>

SGML Element and Attribute Declarations:
    ```
    <!ELEMENT MONEY - - (#PCDATA)>
    <!ATTLIST MONEY
          Unit      CDATA     #IMPLIED>
    ```

Called From:
    A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
    H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
    TAGLINE, TD, TH

NAME.FAMILY - Family name

Identification for family name of an individual.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <NAME.FAMILY>Jones</NAME.FAMILY>

SGML Element and Attribute Declarations:
```
<!ELEMENT NAME.FAMILY - - (#PCDATA)>
```

Called From:
PERSON

NAME.GIVEN - Given name

Identification for given name of an individual.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <NAME.GIVEN>John</NAME.GIVEN>

SGML Element and Attribute Declarations:
    <!ELEMENT NAME.GIVEN - - (#PCDATA)>

Called From:
    PERSON

NAME.MIDDLE - Middle name/initial
Identification for middle name or initial of an individual.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:

SGML Element and Attribute Declarations:
<!ELEMENT NAME.MIDDLE - - (#PCDATA)>

Called From:
    PERSON

NAME.PREFIX - Name prefix

Identification for name prefix of an individual.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <NAME.PERFIX>Mr.</NAME.PERFIX>

SGML Element and Attribute Declarations:
    <!ELEMENT NAME.PREFIX - - (#PCDATA)>

Called From:
    PERSON

NAME.SUFFIX - Name suffix

Identification for name suffix of an individual.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <NAME.SUFFIX>III</NAME.SUFFIX>

SGML Element and Attribute Declarations:
    <!ELEMENT NAME.SUFFIX - - (#PCDATA)>

Called From:
    PERSON

NAMELOC - Hytime nameloc

A HyTime method to provide a way of linking to anything that can be named as an entity or via an ID.

Content Model:
    The <NAMELOC> consists of zero or more name lists <NMLIST>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    ID, HyTime

Usage Example:
    <NAMELOC ID=mypointer><NMLIST Nametype=entity>book5</NMLIST></NAMELOC>

SGML Element and Attribute Declarations:
    <!ELEMENT NAMELOC - - (NMLIST)*>
    <!ATTLIST NAMELOC
         ID   id   #REQUIRED
         HyTime   name   NAMELOC>

Called From:
    LINKPOOL

NID - Non-IIM data element

Place to encapsulate a non-IIM data element.

Content Model:
    The <NID> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Sart is required, end tag is optional and generally not used.

Attributes:
    Name, Type, Value

Usage Example:
    `<NONIIM><NID Name=Doc.Privider Value="AFP"></NID></NONIIM>`

SGML Element and Attribute Declarations:
```
<!ELEMENT NID - o EMPTY>
<!ATTLIST NID
      Name      %nid.name   #IMPLIED
      Type      %nid.type   #IMPLIED
      Value     CDATA      #IMPLIED>
```

Called From:
```
NONIIM
```

NITF - News Industry Text Format Instance

The outer most part of an news item.

Content Model:
    The <NITF> element contains the head <HEAD> and body <BODY> of a news item.

Tag Usage Rules:
    Both start and end tags are required.

Attributes:
    VERSION, Change.Date, Change.Time, Baselang, URN, Class

Usage Example:
    `<NITF VERSION="1.0F"><HEAD>...</HEAD><BODY>...</BODY></NITF>`

SGML Element and Attribute Declarations:
```
<!ELEMENT NITF - - (HEAD, BODY)>
<!ATTLIST NITF
      VERSION   CDATA     #FIXED "-//IPTC-NAA//DTD NITF 1.0F//EN"
      Change.Date       CDATA     #FIXED      "24 April 1996"
      Change.Time       CDATA     #FIXED      "1500"
      Baselang  CDATA     #IMPLIED
      URN       CDATA     #IMPLIED
      Class     NAMES     #IMPLIED>
```

Called From:
```
Root element
```

NMLIST - Hytime nmlist

A container for the name or names being referenced.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Docorsub, Nametype, HyTime

Usage Example:
    `<NAMELOC ID=mypointer><NMLIST Nametype=entity>book5</NMLIST></NAMELOC>`

SGML Element and Attribute Declarations:

```
<!ELEMENT NMLIST - - (#PCDATA)>
<!ATTLIST NMLIST
      Docorsub  entity   #IMPLIED
      Nametype (element | entity)      element
      HyTime   name      NMLIST>
```

Called From:
```
LINKPOOL, NAMELOC
```

NONIIM - IIM style data provided in a non IIM format

Area where IIM style data can be provided without using the IIM format. May include information not found in record 2.

Content Model:
The <NONIIM> element consists of an event location <LOCATION> and zero or more descrptional elements <NID>.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<NONIIM><LOCATION><CITY>Darmstadt</CITY></LOCATION><NID Name=Doc.Privider Value="AFP"></NID></NONIIM>

SGML Element and Attribute Declarations:
```
<!ELEMENT NONIIM - - (LOCATION, NID*)>
```

Called From:
```
HEAD
```

NOTE - Document admonishment

Container to support a publishable note.

Content Model:
The <NOTE> element allows for any information defined in body.content.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs;, Noteclass, Type, Src, %url.link

Usage Example:
<NOTE><P>This is a sample note.</P></NOTE>

SGML Element and Attribute Declarations:
```
<!ELEMENT NOTE - - (%body.content;)>
<!ATTLIST NOTE
      %attrs;
      Noteclass          (cpyrt | end | hd | editorsnote | trademk |
            undef)   #IMPLIED
      Type     (std | pa | npa)  std
      Src      %URI;    #IMPLIED
      %url.link;>
```

Called From:
```
BLOCK, BODY, DD, LI
```

NUM - Numeric data

Architecture for structure of numeric data.

Content Model:
The <NUM> element is mixed content and may be either parsed character data or a fraction <FRAC>, subscript <SUB>, or superscript <SUP>.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<NUM><FRAC><NUMER>1</NUMER><DENOM>2</DENOM></FRAC></NUM>

SGML Element and Attribute Declarations:
```
<!ELEMENT NUM - - (#PCDATA | FRAC | SUB | SUP)*>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

NUMER - Fraction numerator

The numerator of a fraction.

Content Model:
`#PCDATA` – simple text composed of parsed character data

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
None

Usage Example:
<FRAC><NUMER>1</NUMER><DENOM>2</DENOM></FRAC>

SGML Element and Attribute Declarations:
```
<!ELEMENT NUMER - - (#PCDATA)>
```

Called From:
```
FRAC
```

OL - Ordered List

Architecture for an order list of information.

Content Model:
The <OL> element contains an optional list header <LH>? followed by one or more list items <LI>.

Tag Usage Rules:
   Both start and end tags are always required.

Attributes:
   %attrs;, Continue, Seqnum, Compact

Usage Example:
   <OL><LI>Item 1</LI><LI>Item 2</LI></OL>

SGML Element and Attribute Declarations:
```
<!ELEMENT OL - - (LH?, LI+)>
<!ATTLIST OL
      %attrs;
      Continue (Continue)  #IMPLIED
      Seqnum   NUMBER    #IMPLIED
      Compact  (Compact)   #IMPLIED>
```

Called From:
   BANNER, BLOCK, BODY, DD, FIG.DATA, FN, LI, NOTE, TD, TH

ORG - Organization

Mechanism to encapsulate an organization name.

Content Model:
   The <ORG> element consists of mixed content, zero or more <ORGID>s and
   #PCDATA for the actual organization name.

Tag Usage Rules:
   Both start and end tags are always required.

Attributes:
   None

Usage Example:
   <ORG>IPTC</ORG>

SGML Element and Attribute Declarations:
```
<!ELEMENT ORG - - (ORGID | #PCDATA)*>
```

Called From:
   A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FN, H1, H2, H3, H4, H5, H6,
   H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q, STATE, SUBLOCATION, TAGLINE, TD,
   TH

ORGID - Organization identifier

Mechanism to provide a secondary reference to an organization.

Content Model:
   The <ORGID> element is defined as empty, meaning that it contains no content only
   attributes.

Tag Usage Rules:
   Start tag is required, end tags is optional and generally not used.

Attributes:
   IDSrc, Value

Usage Example:
    <ORG><ORGID IDSRC="FTSE" Value="I">IPTC</ORG>

SGML Element and Attribute Declarations:
```
<!ELEMENT ORGID - o EMPTY>
<!ATTLIST ORGID
        IDSRC    CDATA     #REQUIRED
        Value    CDATA     #REQUIRED>
```

Called From:
```
ORG
```

P - Paragraph

Basic paragraph structure.

Content Model:
    The <P> element can contain any items defined as text which is parsed character data with inline markup.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;

Usage Example:
    <P>This is a simple paragraph.</P>

SGML Element and Attribute Declarations:
```
<!ELEMENT P - o (%text;)+>
<!ATTLIST P %attrs;>
```

Called From:
```
BANNER, BLOCK, BODY, DD, FIG.DATA, FN, LI, NOTE, TD, TH
```

PERSON - Human individual

Mechanism to encapsulate the name of a human individual.

Content Model:
    The <PERSON> element is mixed content and may be either parsed character data or name.content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <PERSON>Mr. John J. Johns III</PERSON>

SGML Element and Attribute Declarations:
```
<!ELEMENT PERSON - - (#PCDATA | %name.content;)*>
```

Called From:

```
A, ADDRESSEE, BANNER, BODY, BYLINE, CAPTION, CITY, CREDIT, DT, FIG.DATA,
FN, H1, H2, H3, H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q,
STATE, SUBLOCATION, TAGLINE, TD, TH
```

PHOTO - Photograph

Basic structure to contain photographic information, includes caption and producer / creator in addition to actual photo.

Content Model:
　　The <PHOTO> element contains an optional caption <PHOTO.CAPTION> and producer <PHOTO.PRODUCER> as well as the actual photo instance <PHOTO.DATA>

Tag Usage Rules:
　　Both start and end tags are always required.

Attributes:
　　%attrs, Src, %url.link, Alt, Align, Width, Height, Units, Ismap

Usage Example:
　　<PHOTO><PHOTO.CAPTION>This is a photo</PHOTO.CAPTION><PHOTO.PRODUCER>XYZ Wire Service </PHOTO.PRODUCER><PHOTO.DATA></PHOTO>

SGML Element and Attribute Declarations:
```
<!ELEMENT PHOTO - - (PHOTO.CAPTION?, PHOTO.PRODUCER?, PHOTO.DATA)>
<!ATTLIST PHOTO
      %attrs;
      Src       %URI;     #REQUIRED
      %url.link;
      Alt       CDATA     #IMPLIED
      Align     (top|middle|bottom|left|right) top
      Width     NUMBER    #IMPLIED
      Height    NUMBER    #IMPLIED
      Units     (pixels) pixels
      Ismap     (ismap)  #IMPLIED>
```

Called From:
```
BLOCK, DD, LI
```

PHOTO.CAPTION - Text describing photo

Description about provided photo, which may include information about how to use it.

Content Model:
　　The <PHOTO.CAPTION> element consists of caption text <CAPTION>.

Tag Usage Rules:
　　Both start and end tags are always required.

Attributes:
　　None

Usage Example:
　　<PHOTO.CAPTION><CAPTION>This is a photo</CAPTION></PHOTO.CAPTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT PHOTO.CAPTION - - (CAPTION)>
```

Called From:
    PHOTO

PHOTO.DATA - Actual photo

The actual photo with attributes to indicate the copyright information

Content Model:
    The <PHOTO.DATA> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Start tag is required, end tag is optional and generally not used.

Attributes:
    Copyright

Usage Example:
<PHOTO><PHOTO.DATA Copyright=zbc></PHOTO>

SGML Element and Attribute Declarations:
    <!ELEMENT PHOTO.DATA - o EMPTY>
    <!ATTLIST PHOTO.DATA
        Copyright   CDATA #IMPLIED>

Called From:
    PHOTO

PHOTO.PRODUCER - Byline of photo producer

Byline for the photo producer / creator.

Content Model:
    The <PHOTO.PRODUCER> element consists of one or more producers as encapsulated within the <BYLINE>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <PHOTO.PRODUCER><BYLINE><BYTAG>XYZ Wire Service</BYTAG></BYLINE></PHOTO.PRODUCER>

SGML Element and Attribute Declarations:
    <!ELEMENT PHOTO.PRODUCER - - (BYLINE)+>

Called From:
    PHOTO

POSTCODE - Postal code

Postal code as provided by local postal authority.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <POSTCODE>98765-4321</POSTCODE>

SGML Element and Attribute Declarations:
    `<!ELEMENT POSTCODE - - (#PCDATA)>`

Called From:
    `MAILADDRESS`

PRE - Preformatted information

Preformatted information intended for publication without addition modification or enhancement.

Content Model:
    `#PCDATA` – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <PRE>
    This is line 1.
    This is line 2.</PRE>

SGML Element and Attribute Declarations:
    `<!ELEMENT PRE - - (#PCDATA)>`

Called From:
    `BLOCK, DD, LI`

Q - Quote

The mechanism to encapsulate quoted information.

Content Model:
    The <Q> element contains text.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    <P>The leader said, <Q>Follow me to the ITPC meeting</Q></P>

SGML Element and Attribute Declarations:
    `<!ELEMENT Q - - (%text;)+>`

```
<!ATTLIST Q %attrs;>
```

Called From:
```
A, BANNER, BODY, CAPTION, CITY, CREDIT, DT, FIG.DATA, FN, H1, H2, H3,
H4, H5, H6, H7, H8, HL1, HL2, LANG, LH, NOTE, P, Q*, STATE, SUBLOCATION,
TAGLINE, TD, TH
```

REGION - Geographic area

Encapsulation of the identification of a geographic region.

Content Model:
> The <REGION> element contains parsed character data.

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> None

Usage Example:
> <REGION>Swiss Alps</REGION>

SGML Element and Attribute Declarations:
```
<!ELEMENT REGION - - (#PCDATA)>
```

Called From:
```
LOCATION, MAILADDRESS
```

STATE - State/Province/Region

Encapsulation of the identification of a state or similar political entity.

Content Model:
> The <STATE> element contains %text representing parsed character data and inline content.

Tag Usage Rules:
> Both start and end tags are always required.

Attributes:
> None

Usage Example:
> <STATE>Britany</STATE>

SGML Element and Attribute Declarations:
```
<!ELEMENT STATE - - (%text;)>
```

Called From:
```
LOCATION
```

STORY.DATE - Date of story

Date that the story occured.

Content Model:
> #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
     Both start and end tags are always required.

Attributes:
     None

Usage Example:
     <STORY.DATE>21 September 1996</STORY.DATE>

SGML Element and Attribute Declarations:
     `<!ELEMENT STORY.DATE - - (#PCDATA)>`

Called From:
     `DATELINE`

SUB - Subscript

Identification of an entity to appear as a subscript.

Content Model:
     `#PCDATA` – simple text composed of parsed character data

Tag Usage Rules:
     Both start and end tags are always required.

Attributes:
     %attrs;

Usage Example:
     ₂

SGML Element and Attribute Declarations:
     `<!ELEMENT SUB - - (#PCDATA)>`
     `<!ATTLIST SUB %attrs;>`

Called From:
     `NUM`

SUBLOCATION - Named region within CITY or STATE

Identification of a small named geographic region such as a neighborhood or park.

Content Model:
     The <SUBLOCATION> element contains %text representing parsed character data and inline content.

Tag Usage Rules:
     Both start and end tags are always required.

Attributes:
     None

Usage Example:
     <SUBLOCATION>Covent Gardens</SUBLOCATION>

SGML Element and Attribute Declarations:
     `<!ELEMENT SUBLOCATION - - (%text;)>`

Called From:
    LOCATION

SUP - Superscript

Identification of an entity to appear as a superscript.

Content Model:
    #PCDATA – simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs;

Usage Example:
    X²

SGML Element and Attribute Declarations:
    <!ELEMENT SUP - - (#PCDATA)>
    <!ATTLIST SUP %attrs;>

Called From:
    NUM

TABLE - Table of data

Architectural form for tabular material.

Content Model:
    The <TABLE> element consists of an optional caption <CAPTION>, followed by zero or more columns <COL> or column groups <COLGROUP>, an optional table heading <THEAD> and table footing <TFOOT>, and the actual body of the table <TBODY>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    %attrs, Align, Width, Cols, Border, Frame, Rules, Cellspaceing, Cellpadding

Usage Example:
    <BLOCK><TABLE><TBODY><TR><TD>x</TBODY></TABLE></BLOCK>

SGML Element and Attribute Declarations:
    <!ELEMENT TABLE - - (CAPTION?, (COL* | COLGROUP*), THEAD?, TFOOT?,
                    TBODY+)>
    <!ATTLIST TABLE
        %attrs;
        TableType   ENTITY   #IMPLIED
        Align   (%where;)   #IMPLIED
        Width   CDATA   #IMPLIED
        Cols   NUMBER   #IMPLIED
        Border   CDATA   #IMPLIED
        Frame   (%frame;)   #IMPLIED
        Rules   (%rules;)   #IMPLIED
        Cellspacing   CDATA   #IMPLIED
        Cellpadding   CDATA   #IMPLIED>

Called From:
```
BLOCK, DD, LI
```

TAGLINE - Tagline

Short identification for document.

Content Model:
The <TAGLINE> element contains text.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
Type

Usage Example:
<BODY><TAGLINE>Afternoon stocks</TAGLINE></BODY>

SGML Element and Attribute Declarations:
```
<!ELEMENT TAGLINE - - (%text;)>
<!ATTLIST TAGLINE
      Type    (%tagline.type;)  std>
```

Called From:
```
BODY
```

TBODY - Table body

This structure contains the actual tabular information.

Content Model:
The <TBODY> elemen consists of one or more rows <TR>.

Tag Usage Rules:
Both start and end tags are optional.

Attributes:
%attrs, %cell.align, %cell.valign

Usage Example:
<BLOCK><TABLE><TBODY><TR><TD>x</TBODY></TABLE></BLOCK>

SGML Element and Attribute Declarations:
```
<!ELEMENT TBODY o o (TR+)>
<!ATTLIST TBODY
      %attrs;
      %cell.halign;
      %cell.valign;>
```

Called From:
```
TABLE
```

TD - Table data cell

A single cell of a table.

Content Model:
    The <TD> element contains body.content.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;, Axis, Axes, Nowrap, Rowspan, Colspan, %cell.halign, %cell.valign

Usage Example:
    <BLOCK><TABLE><TBODY><TR><TD>x</TBODY></TABLE></BLOCK>

SGML Element and Attribute Declarations:
```
<!ELEMENT TD - o (%body.content;)>
<!ATTLIST TD
      %attrs;
      Axis     CDATA     #IMPLIED
      Axes     CDATA     #IMPLIED
      Nowrap   (nowrap)  #IMPLIED
      Rowspan  NUMBER    1
      Colspan  NUMBER    1
      %cell.halign;
      %cell.valign;>
```

Called From:
    TR

TFOOT - Table footer

Footer information for a table, may be replicated as necessary.

Content Model:
    The <TFOOT> element contains one or more rows of cells of information <TR>

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs, %cell.halign, %cell.valign

Usage Example:
    <TFOOT><TR><TH>This is a bottom note for a table that will appear on each page of a
    multipage table.</TFOOT>

SGML Element and Attribute Declarations:
```
<!ELEMENT TFOOT - o (TR+)>
<!ATTLIST TFOOT
      %attrs;
      %cell.halign;
      %cell.valign;>
```

Called From:
    TABLE

TH - Table header cell

Location to provide heading for column of data.

Content Model:
    The <TH> element can contain body.content.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;, Axis, Axes, Nowrap, Rowspan, Colspan, %cell.halign, %cell.valign

Usage Example:
    <TH>This is what will appear in the cell at the top of a table column</TH>

SGML Element and Attribute Declarations:
```
<!ELEMENT TH - o (%body.content;)>
<!ATTLIST TH
        %attrs;
        Axis      CDATA     #IMPLIED
        Axes      CDATA     #IMPLIED
        Nowrap    (nowrap)  #IMPLIED
        Rowspan   NUMBER    1
        Colspan   NUMBER    1
        %cell.halign;
        %cell.valign;>
```

Called From:
    TABLE, TR

THEAD - Table heading

The heading for the table.

Content Model:
    The <THEAD> element contains one or more table rows <TR>.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;, %cell.halign, %cell.valign

Usage Example:
    <THEAD><TR><TH>This is a heading for a table that will appear on each page of a
    multipage table.</THEAD>

SGML Element and Attribute Declarations:
```
<!ELEMENT THEAD - o (TR+)>
<!ATTLIST THEAD
        %attrs;
        %cell.halign;
        %cell.valign;>
```

Called From:
    TABLE

TITLE - Story Title

The location to provide actual title of story.

Content Model:
    #PCDATA - simple text composed of parsed character data

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Type

Usage Example:
    <TITLE>Story Title</TITLE>

SGML Element and Attribute Declarations:
```
<!ELEMENT TITLE - - (#PCDATA)>
<!ATTLIST TITLE
        Type      (%title.type;)    #IMPLIED>
```

Called From:
    HEAD

TR - Table row

A row of table data for either head or body.

Content Model:
    The <TR> element consists of a table head row <TH> or a table body row <TD>.

Tag Usage Rules:
    Start tag is required, end tag is optional.

Attributes:
    %attrs;, %cell.halign;, %cell.valign;

Usage Example:
    <TBODY><TR><TD>x<TD>y<TD>z</TBODY>

SGML Element and Attribute Declarations:
```
<!ELEMENT TR - o (TH | TD)+>
<!ATTLIST TR
        %attrs;
        %cell.halign;
        %cell.valign;>
```

Called From:
    THEAD, TFOOT, TBODY

TREELOC - Hytime treeloc

Architectural form to provide a way to choose a single node from a tree.

Content Model:
    The <TREELOC> element consists of a marked list <MARKLIST>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    ID, Locsrc, HyTime

Usage Example:
    <TREELOC locsrc=P1><MARKLIST>1 2 1 2 4 5</MARKLIST><TREELOC>

SGML Element and Attribute Declarations:
```
<!ELEMENT TREELOC - - (MARKLIST*)>
<!ATTLIST TREELOC
        ID       id        #REQUIRED
        Locsrc   idref     #IMPLIED
        HyTime   name      TREELOC>
```

Called From:
```
LINKPOOL
```

UL - Unordered List

Architectural form for a unordered list of information.

Content Model:
The <UL> element consists of an optional list head <LH> followed by one or more list items <LI>.

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs, Warp, Plain, Dingbat, Src, %url.link, Compact

Usage Example:
<UL><LI>Item</LI><LI>Item</LI></UL>

SGML Element and Attribute Declarations:
```
<!ELEMENT UL - - (LH?, LI+)>
<!ATTLIST UL
        %attrs;
        Warp     (Vert | Horiz | None) None
        Plain    (Plain)  #IMPLIED
        Dingbat  ENTITY   #IMPLIED
        Src      (%URI;)  #IMPLIED
        %url.link;
        Compact  (Compact)   #IMPLIED>
```

Called From:
```
BANNER, BLOCK, BODY, DD, FIG.DATA, FN, LI, NOTE, TD, TH
```

VIDEO - Video information

Basic structure to contain video information, includes caption and producer / creator in addition to actual video.

Content Model:
The <VIDEO> element contains an optional caption <VIDEO.CAPTION> and producer <VIDEO.PRODUCER> as well as the actual video itself <VIDEO.DATA>

Tag Usage Rules:
Both start and end tags are always required.

Attributes:
%attrs;, Src, %url.link;, Length;

Usage Example:
    <VIDEO><VIDEO.CAPTION>This is a
photo</VIDEO.CAPTION><VIDEO.PRODUCER><BYLINE><BYTAG>XYZ Wire
Service</BYTAG></BYLINE> </VIDEO.PRODUCER><VIDEO.DATA></VIDEO>

SGML Element and Attribute Declarations:
```
<!ELEMENT VIDEO - - (VIDEO.CAPTION?, VIDEO.PRODUCER?, VIDEO.DATA)>
<!ATTLIST VIDEO
      %attrs;
      Src      %URI;     #REQUIRED
      %url.link;
      Length   NUMBER    #IMPLIED>
```

Called From:
```
BLOCK, DD, LI, NOTE
```

VIDEO.CAPTION - Text describing video

Description about provided video, which may include information about how to use it.

Content Model:
    The <VIDEO.CAPTION> element consists of caption text <CAPTION>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <VIDEO.CAPTION>This is a photo</VIDEO.CAPTION>

SGML Element and Attribute Declarations:
```
<!ELEMENT VIDEO.CAPTION - - (CAPTION)>
```

Called From:
```
VIDEO
```

VIDEO.DATA - Actual video

The actual photo with attributes to indicate the copyright information

Content Model:
    The <VIDEO.DATA> element is defined as empty, meaning that it contains no content.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    Copyright

Usage Example:
<VIDEO><VIDEO.DATA Copyright="GHI Video"></VIDEO>

SGML Element and Attribute Declarations:
```
<!ELEMENT VIDEO.DATA - - EMPTY>
<!ATTLIST VIDEO.DATA
      Copyright         CDATA #IMPLIED>
```

Called From:
    VIDEO

VIDEO.PRODUCER - Byline of video producer

Byline for the photo producer / creator.

Content Model:
    The <PHOTO.PRODUCER> element consists of one or more producers as encapsulated within the <BYLINE>.

Tag Usage Rules:
    Both start and end tags are always required.

Attributes:
    None

Usage Example:
    <VIDEO.PRODUCER>XYZ Wire Service </VIDEO.PRODUCER>

SGML Element and Attribute Declarations:
<!ELEMENT VIDEO.PRODUCER - - (BYLINE)+>

Called From:
VIDEO

EMPTY - SGML Construct for tag w/o content

Content Model:

Tag Usage Rules:

Attributes:

Usage Example:

SGML Element and Attribute Declarations:

Called From:
```
ANPA89-3.WIREHEAD, AUDIO.DATA, BASE, BR, COL, FIG.DATA, HR, IMG.DATA,
IPTC7901.WIREHEAD, LINK, META, NID, PHOTO.DATA, VIDEO.DATA
```

#PCDATA - Parsable Character Data

Content Model:

Tag Usage Rules:

Attributes:

Usage Example:

SGML Element and Attribute Declarations:

Called From:
```
A, ADDRESS, BODY, BYLINE, BYTAG, BYTTL, CAPTION, CARE.OF, CHRON, CITY,
CLINK, COPYRITE.HOLDER, COPYRITE.YEAR, COUNTRY, CREDIT, DELIVERY.OFFICE,
DELIVERY.POINT, DENOM, DIMLIST, DS, DT, EM, EVENT, FN, FUNCTION, H1, H2,
H3, H4, H5, H6, H7, H8, HL1, HL2, LH, LOCATION, MARKLIST, MONEY,
NAME.FAMILY, NAME.GIVEN, NAME.MIDDLE, NAME.PREFIX, NAME.SUFFIX, NMLIST,
NOTE, NUM, NUMER, P, PERSON, PRE, POSTCODE, REGION, STATE, STORY.DATE, SUB,
SUBLOCATION, SUP, TAGLINE, TD, TH, TITLE
```

ELEMENT - ENTITY Descriptions

An entity is a component of the hierarchical structure defined within document type definition. An entity does not appear as part of a dtd document instance. It is only used within the dtd definition.

This section describes the entities that are associated with elements within the dtd.

Note:

The following entity descriptions are in alphabetic order by the name of the element.

The NITF DTD is the final arbiter.

A.content

Provide the content for the anchor element <A>.

Substitution:
    %text;

SGML Entity Declaration:
    `<!ENTITY % A.content "(%text;)+">`

banner.content

Provide the content for the banner element <BANNER>.

Substitution:
    %body.content;

SGML Entity Declaration:
    `<!ENTITY % banner.content "%body.content;">`

block

Definition of block.

Substitution:
    BLOCK

SGML Entity Declaration:
    `<!ENTITY % block "BLOCK">`

block.content

List of items which a block can contain.

Substitution:
    P | TABLE | FIG | IMG | PHOTO | AUDIO | VIDEO | %list; | BQ | FN |
    NOTE | PRE | HR

SGML Entity Declaration:
```
<!ENTITY % block.content "P | TABLE | FIG | IMG | PHOTO |
            AUDIO | VIDEO | %list; | BQ | FN | NOTE | PRE |
            HR">
```

body.content

Items which a body can contain.

Substitution:
    %bodytext;

SGML Entity Declaration:
```
<!ENTITY % body.content "%bodytext;">
```

body.end

List of items that occur at the conclusion of the <BODY>. Consists of optional <TAGLINE> and optional <ADDRESS>.

Substitution:
    TAGLINE?, ADDRESS?

SGML Entity Declaration:
```
<!ENTITY % body.end "TAGLINE?, ADDRESS?">
```

body.head

List of items that occur at the begining of the <BODY>. Consists of optional <HEDLINE>, zero or more <NOTE>s, an optional <COPYRITE>, zero or more <BYLINE>s, and an optional <DATELINE>.

Substitution:
    HEDLINE?, NOTE*, COPYRITE?, BYLINE*, DATELINE?

SGML Entity Declaration:
```
<!ENTITY % body.head "HEDLINE?, NOTE*, COPYRITE?, BYLINE*,
              DATELINE?">
```

bodytext

List of items that occur within the main portion of the <BODY>.

Substitution:
    %heading | %block | %list | %epub.block | %text | P

SGML Entity Declaration:
```
<!ENTITY % bodytext "%heading | %block | %list | %epub.block
              | %text | P">
```

epub.block

List of items used within the body to support electronic publishing.

Substitution:
    HR

SGML Entity Declaration:
```
<!ENTITY % epub.block "HR">
```

head.docdata

Document description items that appear in the head of the NITF.

Substitution:
>   (IIM, NONIIM)?, ANPA89-3.WIREHEAD?, IPTC7901.WIREHEAD?

SGML Entity Declaration:
```
<!ENTITY % head.docdata "(IIM, NONIIM)?, ANPA89-3.WIREHEAD?,
            IPTC7901.WIREHEAD?">
```

head.html

Provide html oriented information within the header. Consists of optional <TITLE>, <BANNER>, <BASE>, and <META> data.

Substitution:
>   TITLE?, BANNER?, BASE?, META?

SGML Entity Declaration:
```
<!ENTITY % head.html "TITLE?, BANNER?, BASE?, META?">
```

head.links

Provide linkage oriented information within the header. Consists or zero or more <LINK>s, and an optional <LINKPOOL>.

Substitution:
>   LINK*, LINKPOOL?

SGML Entity Declaration:
```
<!ENTITY % head.links "LINK*, LINKPOOL?">
```

heading

Provide list of heading level options.

Substitution:
>   H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8

SGML Entity Declaration:
```
<!ENTITY % heading "H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8">
```

inline

Provide options for markup within inline text.

Substitution:
>   %inline.content; | %misc;

SGML Entity Declaration:
```
<!ENTITY % inline "%inline.content; | %misc;">
```

inline.content

Provide list of options that can mark content within running text.

Substitution:
CHRON | EVENT | LOCATION | MAILADDR | MONEY | NUM | ORG | PERSON

SGML Entity Declaration:
```
<!ENTITY % inline.content "CHRON | EVENT | LOCATION |
            MAILADDR | MONEY | NUM | ORG | PERSON">
```

list

Provide list options.

Substitution:
OL | UL | DL

SGML Entity Declaration:
```
<!ENTITY % list "OL | UL | DL">
```

misc

Provide list of miscellaneous markup options.

Substitution:
A | BR | CLINK | EM | LANG | Q

SGML Entity Declaration:
```
<!ENTITY % misc "A | BR | CLINK | EM | LANG | Q">
```

name.content

Provide list of items which comprise a name.

Substitution:
NAME.PREFIX | NAME.GIVEN | NAME.MIDDLE | NAME.FAMILY | NAME.SUFFIX

SGML Entity Declaration:
```
<!ENTITY % name.content "NAME.PREFIX | NAME.GIVEN |
            NAME.MIDDLE | NAME.FAMILY | NAME.SUFFIX">
```

text

Provide definition for running text.

Substitution:
#PCDATA | %inline;

SGML Entity Declaration:

```
<!ENTITY % text "#PCDATA | %inline;">
```

ATTLIST Descriptions

An SGML attribute is a list of qualifying information about a specific tag. This information is external to the marked up data but may provide information about how to process the data.

Note:

The following entity descriptions are in alphabetic order by the name of the element.

The NITF DTD is the final arbiter.

A

Attributes:
```
Href      %URI;       #IMPLIED
Name      CDATA       #IMPLIED
Lang      CDATA       "en.us"
%url.link;
%linkextraattributes;
```

SGML Definition:
```
<!ATTLIST A
      Href    %URI;   #IMPLIED
      Name    CDATA   #IMPLIED
      Lang    CDATA   "en.us"
      %url.link;
      %linkextraattributes;>
```

ADDRESS

Attributes:
```
%attrs;
```

SGML Definition:
```
<!ATTLIST ADDRESS %attrs;>
```

ANPA89-3.WIREHEAD

Attributes:
```
anpa89-3.sld     CDATA #IMPLIED -- --
anpa89-3.storynum    NUMBER #IMPLIED
anpa89-3.visualCDATA      #IMPLIED
anpa89-3.selcode     CDATA #IMPLIED
anpa89-3.priority    CDATA #IMPLIED
anpa89-3.category    CDATA #IMPLIED
anpa89-3.formatid    (31 | 32 | 41 | 42 ) #IMPLIED
anpa89-3.keyword     CDATA #IMPLIED
anpa89-3.version     CDATA #IMPLIED
anpa89-3.reference   CDATA #IMPLIED
anpa89-3.filedate    CDATA #IMPLIED
anpa89-3.wordsNUMBER #IMPLIED
anpa89-3.timedate    CDATA #IMPLIED>
```

Attributes:

SGML Definition:
```
<!ATTLIST ANPA89-3.WIREHEAD -- from ANPA Special Report 89-3
            --
      anpa89-3.sld   CDATA #IMPLIED -- --
      anpa89-3.storynum NUMBER #IMPLIED
```

```
            anpa89-3.visual   CDATA      #IMPLIED
            anpa89-3.selcode  CDATA #IMPLIED
            anpa89-3.priority CDATA #IMPLIED
            anpa89-3.category CDATA #IMPLIED
            anpa89-3.formatid(31 | 32 | 41 | 42 ) #IMPLIED
            anpa89-3.keyword  CDATA #IMPLIED
            anpa89-3.version  CDATA #IMPLIED
            anpa89-3.reference     CDATA #IMPLIED
            anpa89-3.filedate CDATA #IMPLIED
            anpa89-3.words NUMBER #IMPLIED
            anpa89-3.timedate CDATA #IMPLIED>
```

AUDIO

Attributes:

SGML Definition:
```
   <!ATTLIST AUDIO
        %attrs;
        Src     %URI;   #REQUIRED
        %url.link;
        Length  NUMBER  #IMPLIED>
```

AUDIO.DATA

Attributes:

SGML Definition:
```
   <!ATTLIST AUDIO.DATA
        Copyright       CDATA #IMPLIED>
```

BANNER

Attributes:

SGML Definition:
```
   <!ATTLIST BANNER
        %attrs;>
```

BASE

Attributes:

SGML Definition:
```
   <!ATTLIST BASE
        ID      ID      #IMPLIED
        Href    %URI;   #REQUIRED>
```

BODY

Attributes:

SGML Definition:
```
<!ATTLIST BODY
     %attrs;
     Background     %URI;   #IMPLIED>
```

BQ

Attributes:

SGML Definition:
```
<!ATTLIST BQ
     %attrs;
     Nowrap  (nowrap) #IMPLIED>
```

CAPTION

Attributes:

SGML Definition:
```
<!ATTLIST CAPTION
     %attrs;
     align   (top | bottom | left | right) #IMPLIED>
```

CHRON

Attributes:

SGML Definition:
```
<!ATTLIST CHRON
     Norm    CDATA   #IMPLIED>
```

CLINK

Attributes:
   Hytime   name CLINK
   Linkend idrefs #REQUIRED
   ID id   #IMPLIED

SGML Definition:
```
<!ATTLIST CLINK
     Hytime  name    CLINK
     Linkend idrefs  #REQUIRED
     ID      id      #IMPLIED>
```

COL

Attributes:
> %attrs;
> Span   NUMBER   1
> Width   CDATA   #IMPLIED
> %cell.halign;
> %cell.valign;

SGML Definition:
```
<!ATTLIST COL
      %attrs;
      Span    NUMBER 1
      Width   CDATA   #IMPLIED
      %cell.halign;
      %cell.valign;>
```

COLGROUP

Attributes:
> %attrs;
> %cell.halign;
> %cell.valign;

SGML Definition:
```
<!ATTLIST COLGROUP
      %attrs;
      %cell.halign;
      %cell.valign;>
```

CREDIT

Attributes:
> %attrs;

SGML Definition:
```
<!ATTLIST CREDIT %attrs;>
```

DATALOC

Attributes:
> ID id   #REQUIRED
> Locsrc   idref #IMPLIED
> Quantum(norm)   norm
> HyTime name DATALOC

SGML Definition:
```
<!ATTLIST DATALOC
      ID      id       #REQUIRED
      Locsrc  idref    #IMPLIED
      Quantum (norm)   norm
```

```
           HyTime  name    DATALOC >
```

DD

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST DD %attrs;>
```

DIMLIST

Attributes:
   HyTime name DIMLIST

SGML Definition:
```
<!ATTLIST DIMLIST
      HyTime  name    DIMLIST>
```

DL

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST DL %attrs;>
```

DS

Attributes:
   Num   NUTOKEN #REQUIRED

SGML Definition:
```
<!ATTLIST DS
      Num     NUTOKEN #REQUIRED>
```

DT

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST DT %attrs;>
```

EM

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST EM %attrs;>
```

FIG

Attributes:
    %attrs;
    Src   %URI;   #REQUIRED
    %url.link;
    %block.align;
    Noflow   (noflow)   #IMPLIED
    Width   NUMBER #IMPLIED
    Height   NUMBER #IMPLIED
    Imagemap   (%URI;)   #IMPLIED

SGML Definition:
```
<!ATTLIST FIG
      %attrs;
      Src     %URI;   #REQUIRED
      %url.link;
      %block.align;
      Noflow (noflow)  #IMPLIED
      Width   NUMBER #IMPLIED
      Height  NUMBER #IMPLIED
      Imagemap        (%URI;)#IMPLIED>
```

FIG.DATA

Attributes:
    Copyright   CDATA #IMPLIED

SGML Definition:
```
<!ATTLIST FIG.DATA
      Copyright       CDATA #IMPLIED>
```

FN

Attributes:
    %attrs;

SGML Definition:
```
<!ATTLIST FN %attrs;>
```

%heading;

Attributes:
    %attrs;

SGML Definition:
```
<!ATTLIST (%heading;) %attrs;>
```

HL1|HL2

Attributes:
    %attrs;

SGML Definition:
```
<!ATTLIST (HL1|HL2) %attrs;>
```

HR

Attributes:
    Src   %URI;   #IMPLIED

SGML Definition:
```
<!ATTLIST HR
      Src      %URI;  #IMPLIED>
```

IIM

Attributes:
    Ver   NUTOKEN #IMPLIED

SGML Definition:
```
<!ATTLIST IIM
      Ver      NUTOKEN #IMPLIED>
```

IMG

Attributes:
    %attrs;
    Src   %URI;   #REQUIRED
    %url.link;
    Alt   CDATA   #IMPLIED
    Align   (top|middle|bottom|left|right) top
    Width   NUMBER   #IMPLIED
    Height   NUMBER   #IMPLIED
    Units   (pixels)   pixels
    Ismap   (ismap)   #IMPLIED

SGML Definition:
```
<!ATTLIST IMG
      %attrs;
      Src      %URI;  #REQUIRED
      %url.link;
      Alt      CDATA   #IMPLIED
      Align   (top|middle|bottom|left|right) top
      Width    NUMBER #IMPLIED
      Height   NUMBER #IMPLIED
      Units    (pixels) pixels
      Ismap    (ismap)#IMPLIED>
```

IMG.DATA

Attributes:
   Copyright   CDATA #IMPLIED

SGML Definition:
```
<!ATTLIST IMG.DATA
     Copyright       CDATA #IMPLIED>
```

IPTC7901.WIREHEAD

Attributes:
   iptc7901.svcid CDATA #IMPLIED
   iptc7901.msgnum   NUMBER #IMPLIED
   iptc7901.priority   CDATA #IMPLIED
   iptc7901.category   CDATA #IMPLIED
   iptc7901.words NUMBER #IMPLIED
   iptc7901.optinfo   CDATA #IMPLIED
   iptc7901.keyword   CDATA #IMPLIED
   iptc7901.catchline   CDATA #IMPLIED
   iptc7901.timedate   CDATA #IMPLIED

SGML Definition:
```
<!ATTLIST IPTC7901.WIREHEAD -- from IPTC 7901 R4 (1991) --
     iptc7901.svcid CDATA #IMPLIED
     iptc7901.msgnum   NUMBER #IMPLIED
     iptc7901.priority CDATA #IMPLIED
     iptc7901.category CDATA #IMPLIED
     iptc7901.words NUMBER #IMPLIED
     iptc7901.optinfo  CDATA #IMPLIED
     iptc7901.keyword  CDATA #IMPLIED
     iptc7901.catchline     CDATA #IMPLIED
     iptc7901.timedate CDATA #IMPLIED>
```

LANG

Attributes
   %attrs;

SGML Definition:
```
<!ATTLIST LANG %attrs;>
```

LH

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST LH %attrs;>
```

LI

Attributes:
```
%attrs;
Dingbat   ENTITY       #IMPLIED
Src       (%URI;)      #IMPLIED
%url.link;
Skip      NUMBER   0
```

SGML Definition:
```
<!ATTLIST LI
      %attrs;
      Dingbat ENTITY  #IMPLIED
      Src     (%URI;) #IMPLIED
      %url.link;
      Skip    NUMBER  0>
```

LINK

Attributes:
```
href %URI; #REQUIRED
%linkextraattributes;
```

SGML Definition:
```
<!ATTLIST LINK
      href %URI; #REQUIRED
      %linkextraattributes;>
```

MARKLIST

Attributes:
```
HyTime  NAME       MARKLIST
```

SGML Definition:
```
<!ATTLIST MARKLIST
      HyTime  NAME    MARKLIST>
```

META

Attributes:
```
Http-equiv    NAME       #IMPLIED
Name   NAME       #IMPLIED
Content  CDATA       #REQUIRED
```

SGML Definition:
```
<!ATTLIST META
      Http-equiv      NAME    #IMPLIED
      Name    NAME    #IMPLIED
      Content CDATA   #REQUIRED>
```

MONEY

Attributes:
    Unit   CDATA   #IMPLIED

SGML Definition:
```
<!ATTLIST MONEY
     Unit    CDATA    #IMPLIED>
```

NAMELOC

Attributes:
    ID id   #REQUIRED
    HyTime   name NAMELOC

SGML Definition:
```
<!ATTLIST NAMELOC
     ID      id       #REQUIRED
     HyTime  name     NAMELOC>
```

NID

Attributes:
    Name   %nid.name; #IMPLIED
    Type %nid.type;   #IMPLIED
    Value   CDATA   #IMPLIED

SGML Definition:
```
<!ATTLIST NID
     Name    %nid.name;      #IMPLIED
     Type %nid.type;  #IMPLIED
     Value   CDATA   #IMPLIED>
```

NITF

Attributes:
    VERSION   CDATA   #FIXED "-//IPTC-NAA//DTD NITF 1.0F//EN"
    Change.Date   CDATA   #FIXED   "24 April 1996"
    Change.Time   CDATA   #FIXED   "1500"
    Baselang CDATA   #IMPLIED
    URN   CDATA   #IMPLIED
    Class   NAMES   #IMPLIED

SGML Definition:
```
<!ATTLIST NITF
     VERSION CDATA   #FIXED "-//IPTC-NAA//DTD NITF 1.0F//EN"
     Change.Date     CDATA   #FIXED     "24 April 1996"
     Change.Time     CDATA   #FIXED     "1500"
     Baselang        CDATA   #IMPLIED
     URN     CDATA   #IMPLIED
     Class   NAMES   #IMPLIED>
```

NMLIST

Attributes:
    Docorsub entity #IMPLIED
    Nametype   (element | entity) element
    HyTime name NMLIST

SGML Definition:
```
<!ATTLIST NMLIST
     Docorsub        entity #IMPLIED
     Nametype        (element | entity)    element
     HyTime  name    NMLIST>
```

NOTE

Attributes:
    %attrs;
    Noteclass(cpyrt | end | hd | editorsnote | trademk | undef) #IMPLIED
    Type   (std | pa | npa)   std
    Src   %URI;   #IMPLIED
    %url.link;

SGML Definition:
```
<!ATTLIST NOTE
     %attrs;
     Noteclass        (cpyrt | end | hd | editorsnote |
          trademk | undef)    #IMPLIED
     Type    (std | pa | npa)     std
     Src     %URI;   #IMPLIED
     %url.link;>
```

OL

Attributes:
    %attrs;
    Continue (Continue)   #IMPLIED
    Seqnum NUMBER   #IMPLIED
    Compact (Compact)   #IMPLIED

SGML Definition:
```
<!ATTLIST OL
     %attrs;
     Continue        (Continue)  #IMPLIED
     Seqnum  NUMBER #IMPLIED
     Compact (Compact) #IMPLIED>
```

ORGID

Attributes:
    IDSrc   CDATA   #REQUIRED
    Value   CDATA   #REQUIRED

SGML Definition:
```
<!ATTLIST ORGID
      IDSrc   CDATA   #REQUIRED
      Value   CDATA   #REQUIRED>
```

P

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST P %attrs;>
```

PHOTO

Attributes:
   %attrs;
   Src   %URI;   #REQUIRED
   %url.link;
   AltCDATA   #IMPLIED
   Align   (top|middle|bottom|left|right) top
   Width   NUMBER   #IMPLIED
   Height   NUMBER   #IMPLIED
   Units   (pixels)   pixels
   Ismap   (ismap)   #IMPLIED

SGML Definition:
```
<!ATTLIST PHOTO
      %attrs;
      Src     %URI;   #REQUIRED
      %url.link;
      Alt     CDATA   #IMPLIED
      Align   (top|middle|bottom|left|right) top
      Width   NUMBER  #IMPLIED
      Height  NUMBER  #IMPLIED
      Units   (pixels)  pixels
      Ismap   (ismap) #IMPLIED>
```

PHOTO.DATA

Attributes:
   Copyright   CDATA #IMPLIED

SGML Definition:
```
<!ATTLIST PHOTO.DATA
      Copyright       CDATA #IMPLIED>
```

Q

Attributes:
   %attrs;

SGML Definition:
```
<!ATTLIST Q %attrs;>
```

SUB

Attributes:
  %attrs;

SGML Definition:
```
<!ATTLIST SUB %attrs;>
```

SUP

Attributes:
  %attrs;

SGML Definition:
```
<!ATTLIST SUP %attrs;>
```

TABLE

Attributes:
  %attrs;
  TableType   ENTITY   #IMPLIED
  Align   (%where;)   #IMPLIED
  Width   CDATA   #IMPLIED
  Cols   NUMBER   #IMPLIED
  Border   CDATA   #IMPLIED
  Frame   (%frame;)   #IMPLIED
  Rules   (%rules;)   #IMPLIED
  Cellspacing   CDATA   #IMPLIED
  Cellpadding   CDATA   #IMPLIED

SGML Definition:
```
<!ATTLIST TABLE
      %attrs;
      TableType         ENTITY  #IMPLIED
      Align   (%where;) #IMPLIED
      Width   CDATA   #IMPLIED
      Cols    NUMBER  #IMPLIED
      Border  CDATA   #IMPLIED
      Frame   (%frame;) #IMPLIED
      Rules   (%rules;) #IMPLIED
      Cellspacing     CDATA   #IMPLIED
      Cellpadding     CDATA   #IMPLIED>
```

TAGLINE

Attributes:
  %tagline.type;

SGML Definition:
```
<!ATTLIST TAGLINE
    Type    (%tagline.type;)   std>
```

TBODY | TFOOT | THEAD

Attributes:
    %attrs;
    %cell.halign;
    %cell.valign;

SGML Definition:
```
<!ATTLIST (TBODY | TFOOT | THEAD)
    %attrs;
    %cell.halign;
    %cell.valign;>
```

TD | TH

Attributes:

%attrs;		
Axis	CDATA	#IMPLIED
Axes	CDATA	#IMPLIED
Nowrap	(nowrap)	#IMPLIED
Rowspan	NUMBER	1
Colspan	NUMBER	1
%cell.halign;		
%cell.valign;		

SGML Definition:
```
<!ATTLIST (TD | TH)
    %attrs;
    Axis    CDATA  #IMPLIED
    Axes    CDATA  #IMPLIED
    Nowrap (nowrap) #IMPLIED
    Rowspan NUMBER 1
    Colspan NUMBER 1
    %cell.halign;
    %cell.valign;>
```

TITLE

Attributes:
    %title.type;

SGML Definition:
```
<!ATTLIST TITLE
    Type    (%title.type;) #IMPLIED>
```

TR

Attributes:
    %attrs;
    %cell.halign;
    %cell.valign;

SGML Definition:
```
<!ATTLIST TR
      %attrs;
      %cell.halign;
      %cell.valign;>
```

TREELOC

Attributes:
ID	id	#REQUIRED
Locsrc	idref	#IMPLIED
HyTime	name	TREELOC

SGML Definition:
```
<!ATTLIST TREELOC
      ID      id      #REQUIRED
      Locsrc  idref   #IMPLIED
      HyTime  name    TREELOC>
```

UL

Attributes:
    %attrs;

Wrap	(Vert | Horiz | None) None
Plain	(Plain)	#IMPLIED
Dingbat	ENTITY	#IMPLIED
Src	(%URI;)	#IMPLIED

    %url.link;

Compact	(Compact)	#IMPLIED

SGML Definition:
```
<!ATTLIST UL
      %attrs;
      Wrap    (Vert | Horiz | None) None
      Plain   (Plain) #IMPLIED
      Dingbat ENTITY  #IMPLIED
      Src     (%URI;) #IMPLIED
      %url.link;
      Compact (Compact) #IMPLIED>
```

VIDEO

Attributes:
  %attrs;
  Src   %URI;   #REQUIRED
  %url.link;
  Length   NUMBER   #IMPLIED

SGML Definition:
```
<!ATTLIST VIDEO
      %attrs;
      Src      %URI;   #REQUIRED
      %url.link;
      Length  NUMBER  #IMPLIED>
```

VIDEO.DATA

Attributes:
  Copyright   CDATA #IMPLIED

SGML Definition:
```
<!ATTLIST VIDEO.DATA
      Copyright        CDATA #IMPLIED>
```

ATTLIST - ENTITY Descriptions

An entity is a component of the hierarchical structure defined within document type definition. An entity does not appear as part of a dtd document instance. It is only used within the dtd definition.

This section describes the entities that are associated with attributes within the dtd.

Note:

The following entity descriptions are in alphabetic order by the name of the element.

The NITF DTD is the final arbiter.

attrs

Substitution:
```
    ID ID     #IMPLIED
    Class     NAMES #IMPLIED
    Style     CDATA #IMPLIED
    Lang      NAME  #IMPLIED
    Dir       (Ltr | Rtl) #IMPLIED
```

SGML Entity Declaration:
```
    <!ENTITY % attrs
         'ID       ID        #IMPLIED
         Class     NAMES     #IMPLIED
         Style     CDATA     #IMPLIED
         Lang      NAME      #IMPLIED
         Dir       (Ltr | Rtl) #IMPLIED'>
```

block.align

Substitution:
```
    align (Bleedleft | Left | Center | Right | Bleedright | Justify)
       Center
```

SGML Entity Declaration:
```
    <!ENTITY % block.align
     "align (Bleedleft | Left | Center | Right | Bleedright | Justify)
                 Center ">
```

cell.halign

Substitution:

Halign	(Left | Center | Right | Justify | Char)	#IMPLIED
Char	CDATA	#IMPLIED
Charoff	CDATA	#IMPLIED

SGML Entity Declaration:
```
    <!ENTITY % cell.halign
         'Halign  (Left | Center | Right | Justify | Char)  #IMPLIED
         Char     CDATA     #IMPLIED
         Charoff  CDATA     #IMPLIED'>
```

cell.valign

Substitution:

Valign   (Top | Middle | Bottom | Baseline)   #IMPLIED

SGML Entity Declaration:
```
    <!ENTITY % cell.valign
         'Valign  (Top | Middle | Bottom | Baseline)  #IMPLIED'>
```

form.type

Substitution:

NITF | ASCII | JPEG | GIF |TIF| MPEG2 | Unspec

SGML Entity Declaration:
```
    <!ENTITY % form.type "NITF | ASCII | JPEG | GIF |TIF| MPEG2 | Unspec" >
```

frame

Substitution:
> Void | Above | Below | Hsides | LHS | RHS | Vsides | Box | Border

SGML Entity Declaration:
```
<!ENTITY % frame "Void | Above | Below | Hsides | LHS | RHS | Vsides |
                Box | Border">
```

link.type

Substitution:
> NAME

SGML Entity Declaration:
```
<!ENTITY % link.type    "NAME">
```

linkextraattributes

Substitution:
> rel %link.type   #IMPLIED
> rev %link.type   #IMPLIED
> title   CDATA   #IMPLIED
> methods   NAMES   #IMPLIED

SGML Entity Declaration:
```
<!ENTITY % linkextraattributes
       "rel      %link.type  #IMPLIED
        rev      %link.type  #IMPLIED
        title    CDATA    #IMPLIED
        methods  NAMES    #IMPLIED">
```

nid.name

Substitution:
> (Doc.Action |
> Doc.Dukey |
> Doc.Fixture |
> Doc.ID |
> Doc.Owner |
> Doc.Provider |
> Doc.Release-Time |
> Doc.Result |
> Doc.Type |
> Doc.Urgency)

SGML Entity Declaration:
```
<!ENTITY % nid.name
       "(Doc.Action |
         Doc.Dukey |
         Doc.Fixture |
         Doc.ID |
         Doc.Owner |
         Doc.Provider |
         Doc.Release-Time |
         Doc.Result |
         Doc.Type |
         Doc.Urgency)">
```

nid.type

Substitution:
(Advisory | Container | Election | Market | Score | Story | Summary | Table)

SGML Entity Declaration:
```
<!ENTITY % nid.type
        "(Advisory | Container | Election | Market | Score | Story |
              Summary | Table)">
```

object.type

Substitution:
Article | Part.Article | Envelope | Illustration | Image | Audio | Video | Other

SGML Entity Declaration:
```
<!ENTITY % object.type "Article | Part.Article | Envelope | Illustration
              | Image | Audio | Video | Other">
```

rules

Substitution:
None | Basic | Rows | Cols | All

SGML Entity Declaration:
```
<!ENTITY % rules "None | Basic | Rows | Cols | All">
```

tagline.type

Substitution:
Std | PA | NPA

SGML Entity Declaration:
```
<!ENTITY % tagline.type "Std | PA | NPA">
```

title.type

Substitution:
Main | SubTitle | PartTitle | Alternate | Abbrev | Other

SGML Entity Declaration:
```
<!ENTITY % title.type "Main | SubTitle | PartTitle | Alternate | Abbrev
              | Other">
```

URI

Substitution:
CDATA

SGML Entity Declaration:
```
<!ENTITY % URI "CDATA">
```

url.link

Substitution:
md CDATA   #IMPLIED

SGML Entity Declaration:
```
<!ENTITY % url.link "md CDATA    #IMPLIED">
```

where

Substitution:
Left | Center | Right

SGML Entity Declaration:
```
<!ENTITY % where "Left | Center | Right">
```

Implementation

The implementation of the NITF requires modifications to document creation / editing, storage, and presentation systems.

VIII. Examples

The process of markup can occur in several stages. The basic NITF markup provides header information along with structural markup of the body text. The NITF also provides for extensive inline markup of the content. This process provides long term value for the information along with support of alternate retrieval process. Limited presentation markup is also provided. Most presentation will be controlled by specific presentation applications.

Example 1 - Text

Presentation

> VIENNA, Austria (AP)
>
> Soldiers and army vehicles mobilized Wednesday to aid stranded drivers after a heavy snowstorm disrupted traffic in Vienna and most of eastern Austria.
>
> Persistent snowfall and winds gusting up to 80 kilometers (50 miles) an hour blocked road and rail links around Vienna, including a freeway to the south where hundreds of drivers waited for hours to get assistance.
>
> The same freeway was the scene early Wednesday of a mass pileup involving 40 cars, while 15 cars were wrecked in a collision on the freeway west of Vienna. The casualty figure was not known.
>
> As snow-clearance crews on the freeway fought a losing battle through snowdrifts more than one meter (three feet) high, the army dispatched two armored recovery vehicles and 600 troops to provide shivering drivers with blankets and tea.
>
> Traffic also came to a complete standstill on other roads in the provinces of Lower Austria and easternmost Burgenland.
>
> In many parts of Vienna early morning traffic broke down completely, and in one district people got out of their cars to direct traffic and unravel the snow chaos themselves.
>
> In many cases, ambulances were unable to reach stricken drivers and snow clearance crews were often stymied by immobilized trucks or cars abandoned by their drivers.
>
> In western Austria, where it had been snowing in past days, authorities decreed an avalanche alert as a deadly series of avalanche accidents involving foreign and Austrian skiers continued.

At least six people were killed by snow slides in recent days.

Original Information - ANPA 89-3 (1312)

This is a sample of a standard textual wire file. All special characters and non-printing characters are shown within the special marks « and ».

```
«syn»«syn»«soh»D0186«tfi»intl-«lf»r i
    «dc3»«dc1» BC-Austria-Snowstorm 1stLd-Writethru   02-24
    0289«lf»«stx»
«ur»BC-Austria-Snowstorm, 1st Ld-Writethru,0278«ql»
    «lf»«ur»Disrupts Traffic, Causes Mass-Pileup«ql»
    «lf»«ur»Eds: UPDATES with army called in to aid
    stranded drivers«ql»
«lf»«ht»   VIENNA, Austria (AP) «md» Soldiers and army
    vehicles mobilized
    «lf»Wednesday to aid stranded drivers after a heavy
    snowstorm disrupted
    «lf»traffic in Vienna and most of eastern Austria.
«lf»«ht»   Persistent snowfall and winds gusting up to 80
    kilometers (50
    «lf»miles) an hour blocked road and rail links around
    Vienna, including
    «lf»a freeway to the south where hundreds of drivers
    waited for hours
    «lf»to get assistance.
«lf»«ht»   The same freeway was the scene early Wednesday
    of a mass pileup
    «lf»involving 40 cars, while 15 cars were wrecked in a
    collision on the
    «lf»freeway west of Vienna. The casualty figure was not
    known.
«lf»«ht»   As snow-clearance crews on the freeway fought
    a losing battle
    «lf»through snowdrifts more than one meter (three feet)
    high, the army
    «lf»dispatched two armored recovery vehicles and 600
    troops to provide
    «lf»shivering drivers with blankets and tea.
«lf»«ht»   Traffic also came to a complete standstill on
    other roads in the
    «lf»provinces of Lower Austria and easternmost
    Burgenland.
«lf»«ht»   In many parts of Vienna early morning traffic
    broke down
    «lf»completely, and in one district people got out of
    their cars to
    «lf»direct traffic and unravel the snow chaos
    themselves.
«lf»«ht»   In many cases, ambulances were unable to reach
    stricken drivers
    «lf»and snow clearance crews were often stymied by
    immobilized trucks
    «lf»or cars abandoned by their drivers.
```

```
«lf»«ht»   In western Austria, where it had been snowing
   in past days,
   «lf»authorities decreed an avalanche alert as a deadly
   series of
   «lf»avalanche accidents involving foreign and Austrian
   skiers
   «lf»continued.
«lf»«ht»   At least six people were killed by snow slides
   in recent days.
«lf»«ht»   «etx»
AP-WS-02-24-93 1154EST«ql»«lf»«lf»«ff»«lf»«eot»
```

NITF with SGML Structure Coding

This file presents a simple structural markup of the same file.

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "NITF.DTD">
<NITF>
<HEAD><ANPA89-3.WIREHEAD anpa89-3.sld="D" anpa89-
   3.storynum="0186" anpa89-3.visual="" anpa89-
   3.selcode="intl-" anpa89-3.priority="r" anpa89-
   3.category="i" anpa89-3.formatid="31" anpa89-
   3.keyword="BC-Austria-Snowstorm" anpa89-
   3.version="1stLd-Writethru" anpa89-3.reference=""
   anpa89-3.filedate="02-24" anpa89-3.words="0289" anpa89-
   3.timedate="AP-WS-02-24-93 1154EST<"></HEAD>
<BODY>
<BLOCK>
<P>^BC-Austria-Snowstorm, 1st Ld-Writethru,0278<^Disrupts
   Traffic, Causes Mass-Pileup<^Eds: UPDATES with army
   called in to aid stranded drivers<</P>
<P>VIENNA, Austria (AP) - Soldiers and army vehicles
   mobilized Wednesday to aid stranded drivers after a
   heavy snowstorm disrupted traffic in Vienna and most of
   eastern Austria.</P>
<P>Persistent snowfall and winds gusting up to 80
   kilometers (50 miles) an hour blocked road and rail
   links around Vienna, including a freeway to the south
   where hundreds of drivers waited for hours to get
   assistance.</P>
<P>The same freeway was the scene early Wednesday of a
   mass pileup involving 40 cars, while 15 cars were
   wrecked in a collision on the freeway west of Vienna.
   The casualty figure was not known.</P>
<P>As snow-clearance crews on the freeway fought a losing
   battle through snowdrifts more than one meter (three
   feet) high, the army dispatched two armored recovery
   vehicles and 600 troops to provide shivering drivers
   with blankets and tea.</P>
<P>Traffic also came to a complete standstill on other
   roads in the provinces of Lower Austria and easternmost
   Burgenland.</P>
```

```
<P>In many parts of Vienna early morning traffic broke
   down completely, and in one district people got out of
   their cars to direct traffic and unravel the snow chaos
   themselves.</P>
<P>In many cases, ambulances were unable to reach
   stricken drivers and snow clearance crews were often
   stymied by immobilized trucks or cars abandoned by
   their drivers.</P>
<P>In western Austria, where it had been snowing in past
   days, authorities decreed an avalanche alert as a
   deadly series of avalanche accidents involving foreign
   and Austrian skiers continued.</P>
<P>At least six people were killed by snow slides in
   recent days.</P>
</BODY>
</NITF>
```

NITF with SGML Inline Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "NITF.DTD">
<NITF>
<HEAD><ANPA89-3.WIREHEAD
ANPA89-3.SLD="D" ANPA89-3.STORYNUM="0186" ANPA89-
   3.VISUAL="" ANPA89-3.SELCODE="intl-" ANPA89-
   3.PRIORITY="r" ANPA89-3.CATEGORY="i" ANPA89-
   3.FORMATID="31" ANPA89-3.KEYWORD="BC-Austria-Snowstorm"
   ANPA89-3.VERSION="1stLd-Writethru" ANPA89-
   3.REFERENCE="" ANPA89-3.FILEDATE="02-24" ANPA89-
   3.WORDS="0289" ANPA89-3.TIMEDATE="AP-WS-02-24-93
   1154EST<"></HEAD>
<BODY>
<HEDLINE><HL1>Austria-Snowstorm Disrupts Traffic, Causes
   Mass-Pileup
</HL1></HEDLINE><COPYRITE><COPYRITE.YEAR>1993</COPYRITE.Y
   EAR><COPYRITE.HOLDER>AP
</COPYRITE.HOLDER></COPYRITE><DATELINE><LOCATION><CITY>VI
   ENNA</CITY>, <COUNTRY>Austria</COUNTRY>
</LOCATION></DATELINE><BLOCK>
<P>Soldiers and army vehicles mobilized <CHRON
   NORM="19930223">Wednesday</CHRON> to aid stranded
   drivers after a heavy snowstorm disrupted traffic in
   <LOCATION><CITY>Vienna</CITY></LOCATION> and most of
   eastern
   <LOCATION><COUNTRY>Austria</COUNTRY></LOCATION>.</P>
<P>Persistent snowfall and winds gusting up to
   <NUM>80</NUM> kilometers (<NUM>50</NUM> miles) an hour
   blocked road and rail links around
   <LOCATION><CITY>Vienna</CITY></LOCATION>, including a
   freeway to the south where hundreds of drivers waited
   for hours to get assistance.</P>
<P>The same freeway was the scene early <CHRON
   NORM="19930223">Wednesday</CHRON> of a mass pileup
```

involving <NUM>40</NUM> cars, while <NUM>15</NUM> cars
were wrecked in a collision on the freeway west of
<LOCATION><CITY>Vienna</CITY></LOCATION>. The casualty
figure was not known.</P>
<P>As snow-clearance crews on the freeway fought a losing
battle through snowdrifts more than one meter (three
feet) high, the army dispatched two armored recovery
vehicles and <NUM>600</NUM> troops to provide shivering
drivers with blankets and tea.</P>
<P>Traffic also came to a complete standstill on other
roads in the provinces of <LOCATION><REGION>Lower
Austria</REGION></LOCATION> and easternmost
<LOCATION><REGION>Burgenland</REGION></LOCATION>.</P>
<P>In many parts of
<LOCATION><CITY>Vienna</CITY></LOCATION> early morning
traffic broke down completely, and in one district
people got out of their cars to direct traffic and
unravel the snow chaos themselves.</P>
<P>In many cases, ambulances were unable to reach
stricken drivers and snow clearance crews were often
stymied by immobilized trucks or cars abandoned by
their drivers.</P>
<P>In western
<LOCATION><COUNTRY>Austria</COUNTRY></LOCATION>, where
it had been snowing in past days, authorities decreed
an avalanche alert as a deadly series of avalanche
accidents involving foreign and Austrian skiers
continued.</P>
<P>At least six people were killed by snow slides in
recent days.</P>
</BLOCK></BODY>
</NITF>

Example 2 - Briefs

Presentation

Reuters World News Highlights

BEIRUT - Israeli warplanes and artillery rained fire on
Lebanon despite worldwide calls for an immediate cease-
fire and condemnation of the slaughter of more than 100
Lebanese civilians sheltering at a U.N. base. Hizbollah
guerrillas, target of Israel's nine-day-old Operation
Grapes of Wrath, responded to the massacre with more
rocket attacks on northern Israel. No casualties were
reported.
After the bloodiest day of Arab-Israeli conflict in more
than 12 years, the U.N. Security Council called late
Thursday for an immediate cessation of hostilities. But
a resolution strongly condemning ``Israeli aggression''
against Lebanon and calling for an immediate halt and
withdrawal was defeated.

President Clinton, visiting Russia, was ``somewhat hopeful'' that Israel and the pro-Iranian Hizbollah would heed international appeals for a cease-fire.

TYRE, Lebanon - U.N. peacekeepers in south Lebanon said Israeli forces shelled their posts and barred their aid convoys from reaching trapped villagers scores of times during an Israeli blitz against Hizbollah.

MOSCOW - World leaders gathering for a Moscow summit threw their weight behind efforts to bring peace to southern Lebanon as the United States and Russia urgently dispatched their envoys to the region. President Clinton and French leaders, whose countries are key players in diplomatic moves to end fighting between Israel and militant Hizbollah guerrillas in Lebanon, said they were confident a cease-fire could be agreed.

MOSCOW - Russia's hawkish Defense Minister Pavel Grachev told parliament he was ready to step down if deputies blamed him for the loss of at least 53 servicemen in an ambush by Chechen rebels.

- - - -

TEHRAN - Iranians voted in run-off parliamentary elections after a heated contest pitting strict Islamists against centrists seeking economic reform. Voters streamed to polls in the Gulf's most populous country hours after a last-minute appeal by conservative officials that Iranians ignore liberal candidates with suspicious foreign links, an apparent reference to their moderate opponents.

- - - -

NEW DELHI - India's two largest political parties stepped up their attacks, accusing each other of illegally appealing to voters' religious beliefs in the countdown to general elections next week. The federal Election Commission said Prime Minister P.V. Narasimha Rao's ruling Congress Party filed a complaint accusing the main opposition Bharatiya Janata Party (BJP) of exploiting religious divisions.

- - - -

GENEVA - The U.N. refugee agency warned of a risk of fresh confrontations in Bosnia unless displaced Serbs, Croats and Muslims are allowed to visit their pre-war homes. Under the Dayton peace pact displaced people are officially guaranteed full freedom of movement, including the right to return home.

- - - -

GENEVA - United Nations aid agencies are gearing up to distribute food to three million Kurds in northern Iraq and monitor fair distribution in the rest of the country if oil-for-food talks succeed, a top U.N. official said.

- - - -

MONROVIA - Ghanaian and U.S. mediators held more talks with Krahn gunmen holed up in Liberia's main barracks

but battles around town showed no sign of abating and
the plight of the capital's civilians worsened. Thick
black smoke rose from three points downtown as fighters
from rival ethnic factions fought from street to street
to extend their territory.
- - - -
MOGADISHU - Fighters loyal to faction leader Mohamed
Farah Aideed and his former ally Osman Ali Hassan Atto
battled in the Somali capital Mogadishu for the second
time in two weeks, killing at least 21 people.
- - - -
KIGALI - The commander and last member of U.N. forces in
Rwanda pulled out, saying he was proud of what his
troops achieved, and a U.N. envoy arrived to defuse
disputes with the government. The Rwandan government
blames the United Nations for failing to stop the 1994
genocide of a million Tutsis and moderate Hutus.
- - - -
VATICAN CITY - The Vatican accused President Clinton of
shameful action for vetoing a ban on a type of late-
term abortion, saying his move amounted to brutal
attack on human life. In an unusually strong statement,
chief Vatican spokesman Joaquin Navarro-Valls said
Clinton was putting the moral and ethical future of
American society at risk by legalizing what he called
an ``inhuman procedure.''
- - - -
MOSCOW - British Prime Minister John Major called other
European Union leaders together for talks on a crisis
forced on British farmers by the EU's worldwide ban on
British beef exports. Major, in Moscow for a summit
meeting of world leaders on nuclear safety, hopes the
late night talks with EU Commission President Jacques
Santer and leaders of Germany, France and Italy will
speed the lifting of the ban.

Original Information - ANPA 89-3 (1312)

«syn»«syn»«soh»a1253«tfi»reute«lf»r i«dc3»«dc1» BC-WORLD-
HIGHLIGHTS   04-19 0810«ss1»«lf»«stx»
«ur»BC-WORLD-HIGHLIGHTS«lr»«ss1»
«lf»«ht» «ur»Reuters World News Highlights«lr»«ss1»
«lf»«ht»   BEIRUT - Israeli warplanes and artillery
rained fire on«ss1»«lf»Lebanon despite worldwide calls
for an immediate cease-fire and«ss1»«lf»condemnation of
the slaughter of more than 100
Lebanese«ss1»«lf»civilians sheltering at a U.N. base.
Hizbollah guerrillas,«ss1»«lf»target of Israel's nine-
day-old Operation Grapes of Wrath,«ss1»«lf»responded to
the massacre with more rocket attacks on
northern«ss1»«lf»Israel. No casualties were
reported.«ss1»
«lf»«ht»   After the bloodiest day of Arab-Israeli
conflict in more«ss1»«lf»than 12 years, the U.N.

Security Council called late Thursday«ss1»«lf»for an immediate cessation of hostilities. But a resolution«ss1»«lf»strongly condemning ``Israeli aggression'' against Lebanon and«ss1»«lf»calling for an immediate halt and withdrawal was defeated.«ss1»

«lf»«ht»   President Clinton, visiting Russia, was ``somewhat hopeful''«ss1»«lf»that Israel and the pro-Iranian Hizbollah would heed«ss1»«lf»international appeals for a cease-fire.«ss1»

«lf»«ht»   TYRE, Lebanon - U.N. peacekeepers in south Lebanon said«ss1»«lf»Israeli forces shelled their posts and barred their aid convoys«ss1»«lf»from reaching trapped villagers scores of times during an«ss1»«lf»Israeli blitz against Hizbollah.«ss1»

«lf»«ht»   MOSCOW - World leaders gathering for a Moscow summit threw«ss1»«lf»their weight behind efforts to bring peace to southern Lebanon«ss1»«lf»as the United States and Russia urgently dispatched their envoys«ss1»«lf»to the region. President Clinton and French leaders, whose«ss1»«lf»countries are key players in diplomatic moves to end fighting«ss1»«lf»between Israel and militant Hizbollah guerrillas in Lebanon,«ss1»«lf»said they were confident a cease-fire could be agreed.«ss1»«lf»«ht»   «ss1»

«lf»«ht»   MOSCOW - Russia's hawkish Defense Minister Pavel Grachev«ss1»«lf»told parliament he was ready to step down if deputies blamed him«ss1»«lf»for the loss of at least 53 servicemen in an ambush by Chechen«ss1»«lf»rebels.«ss1»

«lf»«ht»   - - - -«ss1»

«lf»«ht»   TEHRAN - Iranians voted in run-off parliamentary elections«ss1»«lf»after a heated contest pitting strict Islamists against«ss1»«lf»centrists seeking economic reform. Voters streamed to polls in«ss1»«lf»the Gulf's most populous country hours after a last-minute«ss1»«lf»appeal by conservative officials that Iranians ignore liberal«ss1»«lf»candidates with suspicious foreign links, an apparent reference«ss1»«lf»to their moderate opponents.«ss1»

«lf»«ht»   - - - -«ss1»

«lf»«ht»   NEW DELHI - India's two largest political parties stepped up«ss1»«lf»their attacks, accusing each other of illegally appealing to«ss1»«lf»voters' religious beliefs in the countdown to general elections«ss1»«lf»next week. The federal Election Commission said Prime Minister«ss1»«lf»P.V. Narasimha Rao's ruling Congress Party filed a complaint«ss1»«lf»accusing the main opposition Bharatiya Janata Party (BJP) of«ss1»«lf»exploiting religious divisions.«ss1»

«lf»«ht»   - - - -«ss1»

«lf»«ht»   GENEVA - The U.N. refugee agency warned of a risk of fresh«ss1»«lf»confrontations in Bosnia unless displaced Serbs, Croats and«ss1»«lf»Muslims are allowed

to visit their pre-war homes. Under the«ss1»«lf»Dayton
peace pact displaced people are officially
guaranteed«ss1»«lf»full freedom of movement, including
the right to return home.«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   GENEVA - United Nations aid agencies are
gearing up to«ss1»«lf»distribute food to three million
Kurds in northern Iraq and«ss1»«lf»monitor fair
distribution in the rest of the country if«ss1»«lf»oil-
for-food talks succeed, a top U.N. official said.«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   MONROVIA - Ghanaian and U.S. mediators held
more talks with«ss1»«lf»Krahn gunmen holed up in
Liberia's main barracks but battles«ss1»«lf»around town
showed no sign of abating and the plight of
the«ss1»«lf»capital's civilians worsened. Thick black
smoke rose from three«ss1»«lf»points downtown as
fighters from rival ethnic factions fought«ss1»«lf»from
street to street to extend their territory.«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   MOGADISHU - Fighters loyal to faction leader
Mohamed Farah«ss1»«lf»Aideed and his former ally Osman
Ali Hassan Atto battled in the«ss1»«lf»Somali capital
Mogadishu for the second time in two
weeks,«ss1»«lf»killing at least 21 people.«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   KIGALI - The commander and last member of
U.N. forces in«ss1»«lf»Rwanda pulled out, saying he was
proud of what his troops«ss1»«lf»achieved, and a U.N.
envoy arrived to defuse disputes with
the«ss1»«lf»government. The Rwandan government blames
the United Nations for«ss1»«lf»failing to stop the 1994
genocide of a million Tutsis and«ss1»«lf»moderate
Hutus.«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   VATICAN CITY - The Vatican accused President
Clinton of«ss1»«lf»shameful action for vetoing a ban on
a type of late-term«ss1»«lf»abortion, saying his move
amounted to brutal attack on human«ss1»«lf»life. In an
unusually strong statement, chief Vatican
spokesman«ss1»«lf»Joaquin Navarro-Valls said Clinton
was putting the moral and«ss1»«lf»ethical future of
American society at risk by legalizing what
he«ss1»«lf»called an ``inhuman procedure.''«ss1»
«lf»«ht»   - - - -«ss1»
«lf»«ht»   MOSCOW - British Prime Minister John Major
called other«ss1»«lf»European Union leaders together
for talks on a crisis forced on«ss1»«lf»British farmers
by the EU's worldwide ban on British
beef«ss1»«lf»exports. Major, in Moscow for a summit
meeting of world leaders«ss1»«lf»on nuclear safety,
hopes the late night talks with EU
Commission«ss1»«lf»President Jacques Santer and leaders
of Germany, France and«ss1»«lf»Italy will speed the

```
    lifting of the ban.«ss1»«lf»«ht»
    «ur»REUTER«lr»«ss1»«lf»«etx»Reut11:58 04-19-96«eot»
```

NITF with SGML Structure Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
    "NITF.DTD">
<NITF>
<HEAD><ANPA89-3.WIREHEAD
ANPA89-3.SLD="a" ANPA89-3.STORYNUM="1253" ANPA89-
    3.SELCODE="reute" ANPA89-3.PRIORITY="r" ANPA89-
    3.CATEGORY="i" ANPA89-3.FORMATID="31" ANPA89-
    3.KEYWORD="BC-WORLD-HIGHLIGHTS" ANPA89-3.VERSION=""
    ANPA89-3.REFERENCE="" ANPA89-3.FILEDATE="04-19" ANPA89-
    3.WORDS="0810" ANPA89-3.TIMEDATE="Reut11:58 04-19-
    96"></HEAD>
<BODY><HEDLINE><HL1>BC-WORLD-HIGHLIGHTS</HL1><HL2>Reuters
    World News Highlights</HL2></HEDLINE>
<BLOCK>
<P>BEIRUT - Israeli warplanes and artillery rained fire
    on Lebanon despite worldwide calls for an immediate
    cease-fire and condemnation of the slaughter of more
    than 100 Lebanese civilians sheltering at a U.N. base.
    Hizbollah guerrillas, target of Israel's nine-day-old
    Operation Grapes of Wrath, responded to the massacre
    with more rocket attacks on northern Israel. No
    casualties were reported.</P>
<P>After the bloodiest day of Arab-Israeli conflict in
    more than 12 years, the U.N. Security Council called
    late Thursday for an immediate cessation of
    hostilities. But a resolution strongly condemning
    ``Israeli aggression'' against Lebanon and calling for
    an immediate halt and withdrawal was defeated.</P>
<P>President Clinton, visiting Russia, was ``somewhat
    hopeful'' that Israel and the pro-Iranian Hizbollah
    would heed international appeals for a cease-fire.</P>
</BLOCK>
<BLOCK>
<P>TYRE, Lebanon - U.N. peacekeepers in south Lebanon
    said Israeli forces shelled their posts and barred
    their aid convoys from reaching trapped villagers
    scores of times during an Israeli blitz against
    Hizbollah.</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - World leaders gathering for a Moscow summit
    threw their weight behind efforts to bring peace to
    southern Lebanon as the United States and Russia
    urgently dispatched their envoys to the region.
    President Clinton and French leaders, whose countries
    are key players in diplomatic moves to end fighting
    between Israel and militant Hizbollah guerrillas in
```

Lebanon, said they were confident a cease-fire could be
agreed.</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - Russia's hawkish Defense Minister Pavel
Grachev told parliament he was ready to step down if
deputies blamed him for the loss of at least 53
servicemen in an ambush by Chechen rebels.</P>
</BLOCK>
<BLOCK>
<P>TEHRAN - Iranians voted in run-off parliamentary
elections after a heated contest pitting strict
Islamists against centrists seeking economic reform.
Voters streamed to polls in the Gulf's most populous
country hours after a last-minute appeal by
conservative officials that Iranians ignore liberal
candidates with suspicious foreign links, an apparent
reference to their moderate opponents.</P>
</BLOCK>
<BLOCK>
<P>NEW DELHI - India's two largest political parties
stepped up their attacks, accusing each other of
illegally appealing to voters' religious beliefs in the
countdown to general elections next week. The federal
Election Commission said Prime Minister P.V. Narasimha
Rao's ruling Congress Party filed a complaint accusing
the main opposition Bharatiya Janata Party (BJP) of
exploiting religious divisions.</P>
</BLOCK>
<BLOCK>
<P>GENEVA - The U.N. refugee agency warned of a risk of
fresh confrontations in Bosnia unless displaced Serbs,
Croats and Muslims are allowed to visit their pre-war
homes. Under the Dayton peace pact displaced people are
officially guaranteed full freedom of movement,
including the right to return home.</P>
</BLOCK>
<BLOCK>
<P>GENEVA - United Nations aid agencies are gearing up to
distribute food to three million Kurds in northern Iraq
and monitor fair distribution in the rest of the
country if oil-for-food talks succeed, a top U.N.
official said.</P>
</BLOCK>
<BLOCK>
<P>MONROVIA - Ghanaian and U.S. mediators held more talks
with Krahn gunmen holed up in Liberia's main barracks
but battles around town showed no sign of abating and
the plight of the capital's civilians worsened. Thick
black smoke rose from three points downtown as fighters
from rival ethnic factions fought from street to street
to extend their territory.</P>
</BLOCK>
<BLOCK>

```
<P>MOGADISHU - Fighters loyal to faction leader Mohamed
   Farah Aideed and his former ally Osman Ali Hassan Atto
   battled in the Somali capital Mogadishu for the second
   time in two weeks, killing at least 21 people.</P>
</BLOCK>
<BLOCK>
<P>KIGALI - The commander and last member of U.N. forces
   in Rwanda pulled out, saying he was proud of what his
   troops achieved, and a U.N. envoy arrived to defuse
   disputes with the government. The Rwandan government
   blames the United Nations for failing to stop the 1994
   genocide of a million Tutsis and moderate Hutus.</P>
</BLOCK>
<BLOCK>
<P>VATICAN CITY - The Vatican accused President Clinton
   of shameful action for vetoing a ban on a type of late-
   term abortion, saying his move amounted to brutal
   attack on human life. In an unusually strong statement,
   chief Vatican spokesman Joaquin Navarro-Valls said
   Clinton was putting the moral and ethical future of
   American society at risk by legalizing what he called
   an ``inhuman procedure.''</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - British Prime Minister John Major called
   other European Union leaders together for talks on a
   crisis forced on British farmers by the EU's worldwide
   ban on British beef exports. Major, in Moscow for a
   summit meeting of world leaders on nuclear safety,
   hopes the late night talks with EU Commission President
   Jacques Santer and leaders of Germany, France and Italy
   will speed the lifting of the ban.</P>
</BLOCK><BLOCK><P>REUTER</P></BLOCK>
</BODY></NITF>
```

NITF with SGML Inline Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "NITF.DTD">
<NITF>
<HEAD><ANPA89-3.WIREHEAD
ANPA89-3.SLD="a" ANPA89-3.STORYNUM="1253" ANPA89-
   3.SELCODE="reute" ANPA89-3.PRIORITY="r" ANPA89-
   3.CATEGORY="i" ANPA89-3.FORMATID="31" ANPA89-
   3.KEYWORD="BC-WORLD-HIGHLIGHTS" ANPA89-3.VERSION=""
   ANPA89-3.REFERENCE="" ANPA89-3.FILEDATE="04-19" ANPA89-
   3.WORDS="0810" ANPA89-3.TIMEDATE="Reut11:58 04-19-
   96"></HEAD>
<BODY><HEDLINE><HL1>BC-WORLD-HIGHLIGHTS</HL1><HL2>Reuters
   World News Highlights</HL2></HEDLINE>
<BLOCK>
<P>BEIRUT - Israeli warplanes and artillery rained fire
   on <LOCATION><COUNTRY>Lebanon</COUNTRY></LOCATION>
```

despite worldwide calls for an immediate cease-fire and condemnation of the slaughter of more than <NUM>100</NUM> Lebanese civilians sheltering at a <ORG>U.N.</ORG> base. <ORG>Hizbollah</ORG> guerrillas, target of Israel's nine-day-old Operation Grapes of Wrath, responded to the massacre with more rocket attacks on northern <LOCATION><COUNTRY>Israel</COUNTRY></LOCATION>. No casualties were reported.</P>
<P>After the bloodiest day of Arab-Israeli conflict in more than <NUM>12</NUM> years, the <ORG>U.N.</ORG> Security Council called late <CHRON NORM="19960418">Thursday</CHRON> for an immediate cessation of hostilities. But a resolution strongly condemning <Q>Israeli aggression</Q> against <LOCATION><COUNTRY>Lebanon</COUNTRY></LOCATION> and calling for an immediate halt and withdrawal was defeated.</P>
<P><PERSON><NAME.PREFIX>President </NAME.PREFIX><NAME.FAMILY>Clinton</NAME.FAMILY></PERSON> , visiting <LOCATION><COUNTRY>Russia</COUNTRY></LOCATION>, was <Q>somewhat hopeful</Q> that Israel and the pro-Iranian <ORG>Hizbollah</ORG> would heed international appeals for a cease-fire.</P>
</BLOCK>
<BLOCK>
<P>TYRE, Lebanon - <ORG>U.N.</ORG> peacekeepers in south <LOCATION><COUNTRY>Lebanon</COUNTRY></LOCATION> said Israeli forces shelled their posts and barred their aid convoys from reaching trapped villagers scores of times during an Israeli blitz against <ORG>Hizbollah</ORG>.</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - World leaders gathering for a <LOCATION><CITY> Moscow </CITY></LOCATION>summit threw their weight behind efforts to bring peace to southern <LOCATION><COUNTRY>Lebanon</COUNTRY></LOCATION> as the<LOCATION><COUNTRY>United States </COUNTRY></LOCATION> and <LOCATION><COUNTRY>Russia </COUNTRY></LOCATION>urgently dispatched their envoys to the region. <PERSON><NAME.PREFIX>President </NAME.PREFIX><NAME.FAMILY>Clinton</NAME.FAMILY></PERSON> and French leaders, whose countries are key players in diplomatic moves to end fighting between <LOCATION><COUNTRY>Israel </COUNTRY></LOCATION> and militant <ORG>Hizbollah</ORG> guerrillas in <LOCATION><COUNTRY>Lebanon</COUNTRY></LOCATION>, said they were confident a cease-fire could be agreed.</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - <LOCATION><COUNTRY>Russia's </COUNTRY></LOCATION>hawkish

<PERSON><NAME.PREFIX>Defense Minister </NAME.PREFIX><NAME.GIVEN>Pavel</NAME.GIVEN><NAME.FAMILY>Grachev</NAME.FAMILY></PERSON> told parliament he was ready to step down if deputies blamed him for the loss of at least <NUM>53</NUM> servicemen in an ambush by Chechen rebels.</P>
</BLOCK>
<BLOCK>
<P>TEHRAN - Iranians voted in run-off parliamentary elections after a heated contest pitting strict Islamists against centrists seeking economic reform. Voters streamed to polls in the <LOCATION><REGION>Gulf's</REGION></LOCATION> most populous country hours after a last-minute appeal by conservative officials that Iranians ignore liberal candidates with suspicious foreign links, an apparent reference to their moderate opponents.</P>
</BLOCK>
<BLOCK>
<P>NEW DELHI - <LOCATION><COUNTRY>India's</COUNTRY></LOCATION> two largest political parties stepped up their attacks, accusing each other of illegally appealing to voters' religious beliefs in the countdown to general elections next week. The federal <ORG>Election Commission</ORG> said <PERSON><NAME.PREFIX>Prime Minister</NAME.PREFIX><NAME.GIVEN>P.V.</NAME.GIVEN><NAME.MIDDLE>Narasimha</NAME.MIDDLE><NAME.FAMILY>Rao</NAME.FAMILY></PERSON> 's ruling <ORG>Congress Party </ORG>filed a complaint accusing the main opposition <ORG>Bharatiya Janata Party (BJP)</ORG> of exploiting religious divisions.</P>
</BLOCK>
<BLOCK>
<P>GENEVA - The <ORG>U.N.</ORG> refugee agency warned of a risk of fresh confrontations in <LOCATION><COUNTRY>Bosnia</COUNTRY></LOCATION> unless displaced Serbs, Croats and Muslims are allowed to visit their pre-war homes. Under the <LOCATION><CITY>Dayton</CITY></LOCATION> peace pact displaced people are officially guaranteed full freedom of movement, including the right to return home.</P>
</BLOCK>
<BLOCK>
<P>GENEVA - <ORG>United Nations</ORG> aid agencies are gearing up to distribute food to three million Kurds in northern <LOCATION><COUNTRY>Iraq </COUNTRY></LOCATION>and monitor fair distribution in the rest of the country if oil-for-food talks succeed, a top <ORG>U.N.</ORG> official said.</P>
</BLOCK>
<BLOCK>

<P>MONROVIA - Ghanaian and U.S. mediators held more talks with <ORG>Krahn</ORG> gunmen holed up in <LOCATION><COUNTRY>Liberia's</COUNTRY></LOCATION> main barracks but battles around town showed no sign of abating and the plight of the capital's civilians worsened. Thick black smoke rose from three points downtown as fighters from rival ethnic factions fought from street to street to extend their territory.</P>
</BLOCK>
<BLOCK>
<P>MOGADISHU - Fighters loyal to faction leader <PERSON><NAME.GIVEN>Mohamed </NAME.GIVEN><NAME.MIDDLE>Farah</NAME.MIDDLE><NAME.FAMILY>Aideed</NAME.FAMILY></PERSON> and his former ally <PERSON><NAME.GIVEN>Osman</NAME.GIVEN><NAME.MIDDLE>Ali </NAME.MIDDLE><NAME.MIDDLE> Hassan</NAME.MIDDLE><NAME.FAMILY>Atto</NAME.FAMILY></PERSON> battled in the Somali capital <LOCATION><CITY>Mogadishu</CITY></LOCATION> for the second time in two weeks, killing at least <NUM>21</NUM> people.</P>
</BLOCK>
<BLOCK>
<P>KIGALI - The commander and last member of <ORG>U.N. </ORG>forces in <LOCATION><COUNTRY>Rwanda</COUNTRY></LOCATION> pulled out, saying he was proud of what his troops achieved, and a <ORG>U.N. </ORG> envoy arrived to defuse disputes with the government. The Rwandan government blames the <ORG>United Nations</ORG> for failing to stop the <CHRON>1994</CHRON> genocide of a million Tutsis and moderate Hutus.</P>
</BLOCK>
<BLOCK>
<P>VATICAN CITY - The <LOCATION><STATE>Vatican</STATE></LOCATION> accused <PERSON><NAME.PREFIX>President </NAME.PREFIX><NAME.FAMILY>Clinton</NAME.FAMILY></PERSON> of shameful action for vetoing a ban on a type of late-term abortion, saying his move amounted to brutal attack on human life. In an unusually strong statement, chief <LOCATION><STATE>Vatican</STATE></LOCATION> spokesman <PERSON><NAME.GIVEN>Joaquin</NAME.GIVEN><NAME.FAMILY>Navarro-Valls</NAME.FAMILY></PERSON> said <PERSON><NAME.FAMILY>Clinton</NAME.FAMILY></PERSON> was putting the moral and ethical future of American society at risk by legalizing what he called an <Q>inhuman procedure</Q>.</P>
</BLOCK>
<BLOCK>
<P>MOSCOW - <PERSON><NAME.PREFIX>British Prime Minister</NAME.PREFIX><NAME.GIVEN>John</NAME.GIVEN><NAME.FAMILY> Major</NAME.FAMILY></PERSON> called other

```
<ORG>European Union</ORG> leaders together for talks on
a crisis forced on British farmers by
the<ORG>EU's</ORG> worldwide ban on British beef
exports.
<PERSON><NAME.FAMILY>Major</NAME.FAMILY></PERSON>, in
<LOCATION><CITY>Moscow</CITY></LOCATION> for a summit
meeting of world leaders on nuclear safety, hopes the
late night talks with <PERSON><NAME.PREFIX>EU
Commission President
</NAME.PREFIX><NAME.GIVEN>Jacques</NAME.GIVEN><NAME.FAM
ILY> Santer</NAME.FAMILY></PERSON>  and leaders of
<LOCATION><COUNTRY>Germany</COUNTRY></LOCATION>,
<LOCATION><COUNTRY>France</COUNTRY></LOCATION> and
<LOCATION><COUNTRY>Italy</COUNTRY></LOCATION> will
speed the lifting of the ban.</P>
</BLOCK>
<BLOCK>
<P>REUTER</P>
</BLOCK>
</BODY></NITF>
```

Example 3 - Simple Table

Presentation

STOCKS IN THE SPOTLIGHT

NEW YORK (AP)

Sales, noon price and net change of the 15 most active New York
Stock Exchange issues, trading nationally at more than $1.

PhilipMorris	2,915,300	65	+1 3/8
Chrysler	2,847,900	37 1/4	+1 3/8
RJR Nab	2,544,100	8 1/8	+ 3/8
Merck s	2,271,600	38 1/2	+ 7/8
Amer T&T	1,780,900	55 3/4	+1 1/4
BristMySq	1,646,300	57 1/2	+ 7/8
JohnsnJns s	1,544,000	42 1/4	+2 1/8
AbbottLabs s	1,491,800	25 3/4	+1 1/2
Glaxo ADR	1,467,500	18 3/4	- 1/4
DeanWitDisc n	1,447,200	31 7/8	+ 7/8
GenMotors	1,401,100	37 5/8	+ 3/4
WalMart	1,322,600	61 1/4	+1 3/8
Compaq	1,251,600	44 3/4	-2 5/8
TelMex ADS	1,196,200	47 5/8	- 1/4
HomeDepot s	1,117,900	60 3/4	+1 1/4

Original Information - ANPA 89-3 (1312)

This is a sample of a standard tabular wire file.

```
«syn»«syn»«soh»p3661«tfi»9g253«lf»u f
   «dc4»«dc2» STOCKSINTHESPOTLIGHT     02-24 0126«lf»
«stx»«ur»STOCKS IN THE SPOTLIGHT
   «lf»«ht»  NEW YORK (AP) «md» Sales, noon price and net
   change of the 15 most«lf»active New York Stock Exchange
   issues, trading nationally at more«lf»than $1.«ql»
«lf»«tli»PhilipMorris«tts» «ns» «ts» «tts» «tfi»«ms» «ns»
   «ts» 2,915,300«ms» «ns» 65«ms» «ns» +1«3/8»
«lf»«tli»Chrysler«tts» «ms» «ms» «ns» «ts» «tts»
   «tfi»«ms» «ns» «ts» 2,847,900«ms» «ns» 37«1/4»«ns»
   +1«3/8»
«lf»«tli»RJR«ts» Nab«tts» «ms» «ms» «ns» «tts» «tfi»«ms»
   «ns» «ts» 2,544,100«ms» «ms» 8«1/8»«ns» +«ns» «3/8»
«lf»«tli»Merck«ts» s«tts» «ms» «ms» «ns» «ns» «tts»
   «tfi»«ms» «ns» «ts» 2,271,600«ms» «ns» 38«1/2»«ns»
   +«ns» «7/8»
«lf»«tli»Amer«ts» T&T«tts» «ms» «ns» «ts» «tts» «tfi»«ms»
   «ns» «ts» 1,780,900«ms» «ns» 55«3/4»«ns» +1«1/4»
«lf»«tli»BristMySq«tts» «ms» «ns» «ts» «tts» «tfi»«ms»
   «ns» «ts» 1,646,300«ms» «ns» 57«1/2»«ns» +«ns» «7/8»
«lf»«tli»JohnsnJns«ts» s«tts» «ms» «tts» «tfi»«ms» «ns»
   «ts» 1,544,000«ms» «ns» 42«1/4»«ns» +2«1/8»
«lf»«tli»AbbottLabs«ts» s«tts» «ns» «tts» «tfi»«ms» «ns»
   «ts» 1,491,800«ms» «ns» 25«3/4»«ns» +1«1/2»
«lf»«tli»Glaxo«ts» ADR«tts» «ms» «ns» «tts» «tfi»«ms»
   «ns» «ts» 1,467,500«ms» «ns» 18«3/4»«ns» «md»«ns» «1/4»
«lf»«tli»DeanWitDisc«ts» n«tts» «tts» «tfi»«ms» «ns»
   1,447,200«ms» «ns» 31«7/8»«ns» +«ns» «7/8»
«lf»«tli»GenMotors«tts» «ms» «ns» «tts» «tfi»«ms» «ns»
   «ts» 1,401,100«ms» «ns» 37«5/8»«ns» +«ns» «3/4»
«lf»«tli»WalMart«tts» «ms» «ms» «ns» «ts» «tts» «tfi»«ms»
   «ns» «ts» 1,322,600«ms» «ns» 61«1/4»«ns» +1«3/8»
«lf»«tli»Compaq«tts» «ms» «ms» «ns» «ns» «tts» «tfi»«ms»
   «ns» «ts» 1,251,600«ms» «ns» 44«3/4»«ns» «md»2«5/8»
«lf»«tli»TelMex«ts» ADS«tts» «ns» «ts» «tts» «tfi»«ms»
   «ns» «ts» 1,196,200«ms» «ns» 47«5/8»«ns» «md»«ns» «1/4»
«lf»«tli»HomeDepot«ts» s«tts» «ns» «tts» «tfi»«ms» «ns»
   «ts» 1,117,900«ms» «ns» 60«3/4»«ns» +1«1/4»
«lf»«tli»«ms» «ns» «tts» «ns» «ms» «tts» «ts» «ms» «tts»
   «md»«md»«md»«md»«md»«md»«md»«md»«md»«tts» «ts» «ns»
   «tts» «ms» «ns» «tts» «ms» «ns» «lf»«ht»   «etx»
AP-WS-02-24-93 1208EST«ql»«lf»«lf»«ff»«lf»«eot»
```

NITF with SGML Structure Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "NITF.DTD">
<NITF>
<HEAD><ANPA89-3.WIREHEAD
ANPA89-3.SLD="p" ANPA89-3.STORYNUM="3661" ANPA89-
   3.VISUAL="" ANPA89-3.SELCODE="9g253" ANPA89-
   3.PRIORITY="u" ANPA89-3.CATEGORY="f" ANPA89-
   3.FORMATID="42" ANPA89-3.KEYWORD="STOCKSINTHESPOTLIGHT"
```

```
        ANPA89-3.VERSION="" ANPA89-3.REFERENCE="" ANPA89-
        3.FILEDATE="02-24" ANPA89-3.WORDS="0126" ANPA89-
        3.TIMEDATE="AP-WS-02-24-93 1208EST<"></HEAD>
<BODY>
<BLOCK>
<P>^STOCKS IN THE SPOTLIGHT</P><P>NEW YORK (AP) - Sales,
        noon price and net change of the 15 most active New
        York Stock Exchange issues, trading nationally at more
        than $1.<</P>
</BLOCK><BLOCK>
<TABLE ID="STOCKSINTHESPOTLIGHT">
<TBODY>
<TR><TD>PhilipMorris</TD><TD>2,915,300</TD><TD>65</TD><TD
        >+1 3/8
</TD></TR><TR><TD>Chrysler</TD><TD>2,847,900</TD><TD>37
        1/4</TD><TD>+1 3/8
</TD></TR><TR><TD>RJR Nab</TD><TD>2,544,100</TD><TD>8
        1/8</TD><TD>+  3/8
</TD></TR><TR><TD>Merck s</TD><TD>2,271,600</TD><TD>38
        1/2</TD><TD>+  7/8
</TD></TR><TR><TD>Amer T T</TD><TD>1,780,900</TD><TD>55
        3/4</TD><TD>+1 1/4
</TD></TR><TR><TD>BristMySq</TD><TD>1,646,300</TD><TD>57
        1/2</TD><TD>+  7/8
</TD></TR><TR><TD>JohnsnJns
        s</TD><TD>1,544,000</TD><TD>42 1/4</TD><TD>+2 1/8
</TD></TR><TR><TD>AbbottLabs
        s</TD><TD>1,491,800</TD><TD>25 3/4</TD><TD>+1 1/2
</TD></TR><TR><TD>Glaxo ADR</TD><TD>1,467,500</TD><TD>18
        3/4</TD><TD>-  1/4
</TD></TR><TR><TD>DeanWitDisc
        n</TD><TD>1,447,200</TD><TD>31 7/8</TD><TD>+  7/8
</TD></TR><TR><TD>GenMotors</TD><TD>1,401,100</TD><TD>37
        5/8</TD><TD>+  3/4
</TD></TR><TR><TD>WalMart</TD><TD>1,322,600</TD><TD>61
        1/4</TD><TD>+1 3/8
</TD></TR><TR><TD>Compaq</TD><TD>1,251,600</TD><TD>44
        3/4</TD><TD>-2 5/8
</TD></TR><TR><TD>TelMex ADS</TD><TD>1,196,200</TD><TD>47
        5/8</TD><TD>-  1/4
</TD></TR><TR><TD>HomeDepot
        s</TD><TD>1,117,900</TD><TD>60 3/4</TD><TD>+1 1/4
</TD>
</TR><TR></TR></TBODY></TABLE>
</BLOCK>
</BODY>
</NITF>
```

NITF with SGML Inline Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
        "NITF.DTD">
<NITF>
```

```
<HEAD><ANPA89-3.WIREHEAD
ANPA89-3.SLD="p" ANPA89-3.STORYNUM="3661" ANPA89-
    3.VISUAL="" ANPA89-3.SELCODE="9g253" ANPA89-
    3.PRIORITY="u" ANPA89-3.CATEGORY="f" ANPA89-
    3.FORMATID="42" ANPA89-3.KEYWORD="STOCKSINTHESPOTLIGHT"
    ANPA89-3.VERSION="" ANPA89-3.REFERENCE="" ANPA89-
    3.FILEDATE="02-24" ANPA89-3.WORDS="0126" ANPA89-
    3.TIMEDATE="AP-WS-02-24-93 1208EST<"></HEAD>
<BODY>
<HEDLINE>
<HL1>STOCKS IN THE SPOTLIGHT
</HL1><HL2>Sales, noon price and net change of the 15
    most active New York Stock Exchange issues, trading
    nationally at more than $1.
</HL2></HEDLINE><COPYRITE><COPYRITE.YEAR>1993</COPYRITE.Y
    EAR><COPYRITE.HOLDER>AP
</COPYRITE.HOLDER></COPYRITE><DATELINE><LOCATION><CITY>NE
    W YORK</CITY></LOCATION>
</DATELINE><BLOCK>
<TABLE ID="STOCKSINTHESPOTLIGHT">
<TBODY>
<TR><TD><ORG><ORGID IDSRC="NYSE" VALUE="MO">
PhilipMorris</ORG></TD><TD><NUM>2,915,300</NUM></TD><TD><
    NUM>65</NUM></TD><TD>+<NUM>1
    <FRAC><NUMER>3</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD></TR><TR><TD><ORG><ORGID
    IDSRC="NYSE" VALUE="C">
Chrysler</ORG></TD><TD><NUM>2,847,900</NUM></TD><TD><NUM>
    37 <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>1
    <FRAC><NUMER>3</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
    VALUE="RN">
RJR Nab</ORG></TD><TD><NUM>2,544,100</NUM></TD><TD><NUM>8
    <FRAC><NUMER>1</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD><TD>+<NUM>
    <FRAC><NUMER>3</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD></TR><TR><TD><ORG><ORGID
    IDSRC="NYSE" VALUE="MRK">
Merck
    s</ORG></TD><TD><NUM>2,271,600</NUM></TD><TD><NUM>38
    <FRAC><NUMER>1</NUMER><DENOM>2
</DENOM></FRAC></NUM></TD><TD>+<NUM>
    <FRAC><NUMER>7</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
    VALUE="T">
Amer T
    T</ORG></TD><TD><NUM>1,780,900</NUM></TD><TD><NUM>55
    <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>1
    <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC>
```

```
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="BMY">
BristMySq</ORG></TD><TD><NUM>1,646,300</NUM></TD><TD><NUM
   >57 <FRAC><NUMER>1</NUMER><DENOM>2
</DENOM></FRAC></NUM></TD><TD>+<NUM>
   <FRAC><NUMER>7</NUMER><DENOM>8</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="JNJ">
JohnsnJns
   s</ORG></TD><TD><NUM>1,544,000</NUM></TD><TD><NUM>42
   <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>2
   <FRAC><NUMER>1</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="ABT">
AbbottLabs
   s</ORG></TD><TD><NUM>1,491,800</NUM></TD><TD><NUM>25
   <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>1
   <FRAC><NUMER>1</NUMER><DENOM>2
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="GLX">
Glaxo
   ADR</ORG></TD><TD><NUM>1,467,500</NUM></TD><TD><NUM>18
   <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>-<NUM>
   <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="DWD">
DeanWitDisc
   n</ORG></TD><TD><NUM>1,447,200</NUM></TD><TD><NUM>31
   <FRAC><NUMER>7</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD><TD>+<NUM>
   <FRAC><NUMER>7</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="GM">
GenMotors</ORG></TD><TD><NUM>1,401,100</NUM></TD><TD><NUM
   >37 <FRAC><NUMER>5</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD><TD>+<NUM>
   <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="WMT">
WalMart</ORG></TD><TD><NUM>1,322,600</NUM></TD><TD><NUM>6
   1 <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>1
   <FRAC><NUMER>3</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
   VALUE="CPQ">
```

```
Compaq</ORG></TD><TD><NUM>1,251,600</NUM></TD><TD><NUM>44
    <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>-<NUM>2
    <FRAC><NUMER>5</NUMER><DENOM>8
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
    VALUE="TMX">
TelMex
    ADS</ORG></TD><TD><NUM>1,196,200</NUM></TD><TD><NUM>47
    <FRAC><NUMER>5</NUMER><DENOM>8
</DENOM></FRAC></NUM></TD><TD>-<NUM>
    <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC>
</NUM></TD></TR><TR><TD><ORG><ORGID IDSRC="NYSE"
    VALUE="HD">
HomeDepot
    s</ORG></TD><TD><NUM>1,117,900</NUM></TD><TD><NUM>60
    <FRAC><NUMER>3</NUMER><DENOM>4
</DENOM></FRAC></NUM></TD><TD>+<NUM>1
    <FRAC><NUMER>1</NUMER><DENOM>4
</DENOM></FRAC>
</NUM></TD>
</TR><TR></TR></TBODY></TABLE>
</BLOCK>
</BODY>
</NITF>
```

Example 4 - Complex Table

Presentation

Side-By-Side

ANGELS 4, YANKEES 3

New York		AB	R	H	BI	BB	SO	AVG
BWilliams	cf	4	1	1	0	0	0	.242
Boggs	3b	3	0	0	0	1	0	.294
Mattingly	1b	4	0	1	0	0	0	.291
Tartabull	rf	3	1	1	1	1	0	.241
Stanley	c	4	1	2	0	0	0	.313
Leyritz	dh	4	0	0	0	0	1	.331
O'Neill	lf	4	0	2	1	0	1	.327
Gallego	2b	4	0	0	0	0	0	.319
Owen	ss	4	0	2	0	0	0	.256
Totals		34	3	9	2	2	2	

California		AB	R	H	BI	BB	SO	AVG
Polonia	lf	4	0	0	0	0	0	.252
Curtis	cf	4	1	1	0	0	0	.301
Salmon	rf	4	2	2	1	0	1	.276
CDavis	dh	1	1	0	0	3	0	.241
Lovullo	2b	3	0	0	1	0	1	.273
Myers	c	3	0	0	0	0	0	.250
Javier	ph	0	0	0	0	1	0	.220
Snow	1b	3	0	1	0	0	1	.236
Correla	pr	0	0	0	0	0	0	.500
RGonzales	1b	0	0	0	1	1	0	.245
Easley	3b	3	0	1	1	0	1	.305
DiSarcina	ss	3	0	0	0	0	0	.256
Totals		28	4	5	4	5	4	

New York	1	0	0	1	0	0	0	0	1	3	9	1
California	1	0	0	0	0	0	0	0	3	4	5	0

In Column

New York		AB	R	H	BI	BB	SO	AVG
BWilliams	cf	4	1	1	0	0	0	.242
Boggs	3b	3	0	0	0	1	0	.294
Mattingly	1b	4	0	1	0	0	0	.291
Tartabull	rf	3	1	1	1	1	0	.241
Stanley	c	4	1	2	0	0	0	.313
Leyritz	dh	4	0	0	0	0	1	.331
O'Neill	lf	4	0	2	1	0	1	.327
Gallego	2b	4	0	0	0	0	0	.319
Owen	ss	4	0	2	0	0	0	.256
Totals		34	3	9	2	2	2	

California		AB	R	H	BI	BB	SO	AVG
Polonia	lf	4	0	0	0	0	0	.252
Curtis	cf	4	1	1	0	0	0	.301
Salmon	rf	4	2	2	1	0	1	.276
CDavis	dh	1	1	0	0	3	0	.241
Lovullo	2b	3	0	0	1	0	1	.273
Myers	c	3	0	0	0	0	0	.250
Javier	ph	0	0	0	0	1	0	.220
Snow	1b	3	0	1	0	0	1	.236
Correla	pr	0	0	0	0	0	0	.500
RGonzales	1b	0	0	0	1	1	0	.245
Easley	3b	3	0	1	1	0	1	.305
DiSarcina	ss	3	0	0	0	0	0	.256
Totals		28	4	5	4	5	4	

New York	1 0 0	1 0 0	0 0 1	3	9	1
California	1 0 0	0 0 0	0 0 3	4	5	0

One out when winning run scored. Javier was intentionally walked for Meyers in the 9th. Correla ran for Snow in the 8th.

E: Tartabull (1/2). **LOB:** New York 6, California 6. **2B:** O'Neill 2 (21), Salmon (17). **HR:** Salmon (16) off Perez, Tartabull (13). **RBI:** Mattingly (28), Tartabull (41), O'Neill (40), Salmon (54), Lovullo (21), RGonzales (17), Easley (20). **SB:** BWilliams (1). **S:** Easley (1). **SF:** Lovullo (1). **GIDP:** Tartabull. **Runners Left in Scoring Position:** New York 3 (BWilliams, Owen 2), California 1 (Polonia). **RMU:** Gallego. **DP:** CALIFORNIA 2 (Lovullo, DiSarcina and Snow), (Curtis and Lovullo).

New York	IP	H	R	ER	BB	SO	NP	ERA
Perez (L,5-8)	8	4	4	4	3	4<	102	4.38
Howe	$1/3$	0	0	0	1	0	1	6.46
Farr	0	1	0	0	1	0	8	3.45

California	IP	H	R	ER	BB	SO	NP	ERA
Hathaway	$2^2/3$	4	1	1	0	0	39	6.43
Nielsen	3	2	1	1	1	2	50	8.03
Butcher	$2^2/3$	2	1	1	1	0	35	4.35
Frey (W,2-0)	$2/3$	1	0	0	0	0	10	2.03

Perez pitched to 3 batters in the 9th.

Inherited runners-scored: Howell 3-1, Farr 3-2, Butcher 1-0, Frey 1-1. **IBB:** off Howe (Javier) 1. **BALK:** Nielson.
Umpires: Home, Hirschbeck; First Welke; Second Cousins; Third Reed.
T: 2:49. **A:** 23,276.
Scoring Summary:

Yankees; First; B.Williams singled to right. B.Williams stole second. Boggs grounded out to pitcher Hathaway. Mattingly singled down the left field line, B.Williams scored. Tartabull grounded into double play, second baseman Lovullo to shortstop DiSarcina to first baseman Snow.; 1 run; 2 hits; 0 errors; 0 left on; Yankees; 1; Angels; 0

Angels; First; Polonia grounded out to pitcher Perez. Curtiss grounded out to catcher Stanley. Salmon homered to left center on 2-0 count. Davis walked. Lovullo popped out to shortstop Owen.; 1 run; 1 hit; 0 errors; 1 left on; Yankees; 1; Angels; 1

Yankees; Fourth; Mattingly grounded out to second baseman Lovullo. Tartabull homered to left on 3-0 count. Stanley lined out to second baseman Lovullo. Leyritz struck out.; 1 run; 1 hit; 0 errors; 0 left on; Yankees; 2; Angels; 1

Yankees; Ninth; R.Gonzales to first base, batting 7th. Stanley singled to right center. Leyritz fouled out to first baseman R.Gonzales. Frey relieved Butcher. O'Neill doubled to right, Stanley scored. Gallego grounded out to shortstop DiSarcina, O'Neill to third. Owen flied out to center fielder Curtis.; 1 run; 2 hits; 0 errors; 1 left on; Yankees; 3; Angels; 1

Angels; Ninth; Curtis singled to third. Salmon doubled to center, Curtis to third. Davis walked. Howe relieved Perez. Lovullo hit sacrifice fly to right fielder Tartabull, Curtis scored, and on right fielder Tartabull's throwing error, Salmon to third, Davis to second. Javier, pinch-hitting for Myers, intentionally walked. Farr Relieved Howe. R.Gonzales walked, Salmon scored, Davis to third, Javier to second. Easley singled past second, Davis scored, Javier to third, R.Gonzales to second.; 3 run; 3 hits; 1 errors; 3 left on; Angels; 4; Yankees;3

Original Information - ANPA 89-3 (1312)

This is a sample of a complex tabular wire file in the form of a baseball box score.

No sample coding available.

NITF with SGML Structure Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "nitf.dtd">
<NITF><HEAD><TITLE>ANGELS 4,YANKEES
   3</TITLE></HEAD><BODY><BLOCK><TABLE
CLASS="BBox1"><TBODY><TR><TH HALIGN="LEFT">New
   York</TH><TH></TH><TH
HALIGN="RIGHT">AB</TH><TH HALIGN="RIGHT">R</TH><TH
   HALIGN="RIGHT">H</TH><TH
HALIGN="RIGHT">BI</TH><TH HALIGN="RIGHT">BB</TH><TH
   HALIGN="RIGHT">SO</TH><TH
HALIGN="RIGHT">AVG</TH></TR><TR><TD
   HALIGN="LEFT">BWilliams</TD><TD
HALIGN="LEFT">cf</TD><TD HALIGN="RIGHT">4</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
```

```
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">.242
</TD></TR><TR><TD HALIGN="LEFT">Boggs</TD><TD
    HALIGN="LEFT">3b</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">1</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.294
</TD></TR><TR><TD HALIGN="LEFT">Mattingly</TD><TD
    HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.291
</TD></TR><TR><TD HALIGN="LEFT">Tartabull</TD><TD
    HALIGN="LEFT">rf</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">1</TD><TD
    HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">1</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.241
</TD></TR><TR><TD HALIGN="LEFT">Stanley</TD><TD
    HALIGN="LEFT">c</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">1</TD><TD
    HALIGN="RIGHT">2</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.313
</TD></TR><TR><TD HALIGN="LEFT">Leyritz</TD><TD
    HALIGN="LEFT">dh</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.331
</TD></TR><TR><TD HALIGN="LEFT">O'Neill</TD><TD
    HALIGN="LEFT">lf</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">2</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.327
</TD></TR><TR><TD HALIGN="LEFT">Gallego</TD><TD
    HALIGN="LEFT">2b</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.319
</TD></TR><TR><TD HALIGN="LEFT">Owen</TD><TD
    HALIGN="LEFT">ss</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">0</TD><TD
    HALIGN="RIGHT">2</TD><TD
```

```
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.256
</TD></TR><TR><TD HALIGN="LEFT">Totals</TD><TD  </TD><TD
   HALIGN="RIGHT">34</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">9</TD><TD
   HALIGN="RIGHT">2</TD><TD
HALIGN="RIGHT">2</TD><TD
   HALIGN="RIGHT">2</TD><TD></TD></TR><TR><TD></TD></TR></
   TBODY></TABLE><TABLE
CLASS="BBox1"><TBODY><TR><TH
   HALIGN="LEFT">California</TH><TH  </TH><TH
HALIGN="RIGHT">AB</TH><TH HALIGN="RIGHT">R</TH><TH
   HALIGN="RIGHT">H</TH><TH
HALIGN="RIGHT">BI</TH><TH HALIGN="RIGHT">BB</TH><TH
   HALIGN="RIGHT">SO</TH><TH
HALIGN="RIGHT">AVG</TH></TR><TR><TD
   HALIGN="LEFT">Polonia</TD><TD
HALIGN="LEFT">lf</TD><TD HALIGN="RIGHT">4</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">.252
</TD></TR><TR><TD HALIGN="LEFT">Curtis</TD><TD
   HALIGN="LEFT">cf</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">1</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.301
</TD></TR><TR><TD HALIGN="LEFT">Salmon</TD><TD
   HALIGN="LEFT">rf</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">2</TD><TD
   HALIGN="RIGHT">2</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.276
</TD></TR><TR><TD HALIGN="LEFT">CDavis</TD><TD
   HALIGN="LEFT">dh</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">1</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">3</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.241
</TD></TR><TR><TD HALIGN="LEFT">Lovullo</TD><TD
   HALIGN="LEFT">2b</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.273
</TD></TR><TR><TD HALIGN="LEFT">Myers</TD><TD
   HALIGN="LEFT">c</TD><TD
```

```
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.250
</TD></TR><TR><TD HALIGN="LEFT">Javier</TD><TD
   HALIGN="LEFT">ph</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">1</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.220
</TD></TR><TR><TD HALIGN="LEFT">Snow</TD><TD
   HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.236
</TD></TR><TR><TD HALIGN="LEFT">Correla</TD><TD
   HALIGN="LEFT">pr</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.500
</TD></TR><TR><TD HALIGN="LEFT">RGonzales</TD><TD
   HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">1</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.245
</TD></TR><TR><TD HALIGN="LEFT">Easley</TD><TD
   HALIGN="LEFT">3b</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">.305
</TD></TR><TR><TD HALIGN="LEFT">DiSarcina</TD><TD
   HALIGN="LEFT">ss</TD><TD
HALIGN="RIGHT">3</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">.256
</TD></TR><TR><TD HALIGN="LEFT">Totals</TD><TD  </TD><TD
   HALIGN="RIGHT">28</TD><TD
HALIGN="RIGHT">4</TD><TD HALIGN="RIGHT">5</TD><TD
   HALIGN="RIGHT">4</TD><TD
HALIGN="RIGHT">5</TD><TD HALIGN="RIGHT">4</TD><TD
   HALIGN="RIGHT"></TD></TR><TR><TD></TD></TR></TBODY></TA
   BLE><TABLE
```

```
STYLE="BBox2"><TBODY><TR><TD HALIGN="LEFT">New
   York</TD><TD></TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT"></TD><TD HALIGN="RIGHT">1</TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD></TD><TD
   HALIGN="RIGHT">0</TD><TD HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">1</TD><TD HALIGN="RIGHT"></TD><TD
   HALIGN="RIGHT">3</TD><TD></TD><TD
HALIGN="RIGHT">9</TD><TD HALIGN="RIGHT"></TD><TD
   HALIGN="RIGHT">1</TD></TR><TR><TD
HALIGN="LEFT">California</TD><TD></TD><TD
   HALIGN="RIGHT">1</TD><TD
HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD></TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">0</TD><TD></TD><TD
   HALIGN="RIGHT">0</TD><TD
HALIGN="RIGHT">0</TD><TD
   HALIGN="RIGHT">3</TD><TD></TD><TD
   HALIGN="RIGHT">4</TD><TD></TD><TD
HALIGN="RIGHT">5</TD><TD></TD><TD
   HALIGN="RIGHT">0</TD></TR><TR><TD></TD></TR></TBODY></T
   ABLE></BLOCK></BODY></NITF>
```

NITF with SGML Inline Coding

```
<!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN"
   "nitf.dtd">
<NITF><HEAD><TITLE>ANGELS 4,YANKEES
   3</TITLE></HEAD><BODY><BLOCK><TABLE
CLASS="BBox1"><TBODY><TR><TH HALIGN="LEFT">New
   York</TH><TH></TH><TH
HALIGN="RIGHT">AB</TH><TH HALIGN="RIGHT">R</TH><TH
   HALIGN="RIGHT">H</TH><TH
HALIGN="RIGHT">BI</TH><TH HALIGN="RIGHT">BB</TH><TH
   HALIGN="RIGHT">SO</TH><TH
HALIGN="RIGHT">AVG</TH></TR><TR><TD
   HALIGN="LEFT">BWilliams</TD><TD
HALIGN="LEFT">cf</TD><TD
   HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.242
</NUM></TD></TR><TR><TD HALIGN="LEFT">Boggs</TD><TD
   HALIGN="LEFT">3b</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
```

```
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.294
</NUM></TD></TR><TR><TD HALIGN="LEFT">Mattingly</TD><TD
   HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.291
</NUM></TD></TR><TR><TD HALIGN="LEFT">Tartabull</TD><TD
   HALIGN="LEFT">rf</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.241
</NUM></TD></TR><TR><TD HALIGN="LEFT">Stanley</TD><TD
   HALIGN="LEFT">c</TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>2</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.313
</NUM></TD></TR><TR><TD HALIGN="LEFT">Leyritz</TD><TD
   HALIGN="LEFT">dh</TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.331
</NUM></TD></TR><TR><TD HALIGN="LEFT">O'Neill</TD><TD
   HALIGN="LEFT">lf</TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>2</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.327
</NUM></TD></TR><TR><TD HALIGN="LEFT">Gallego</TD><TD
   HALIGN="LEFT">2b</TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
```

(continuation of previous row)

								AVG
		0	0	0	0	0	0	.319
Owen	ss	4	0	2	0	0	0	.256
Totals		34	3	9	2	2	2	

California		AB	R	H	BI	BB	SO	AVG
Polonia	lf	4	0	0	0	0	0	.252
Curtis	cf	4	1	1	0	0	0	.301
Salmon	rf	4	2	2	1			

```
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.276
</NUM></TD></TR><TR><TD HALIGN="LEFT">CDavis</TD><TD
    HALIGN="LEFT">dh</TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
    HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.241
</NUM></TD></TR><TR><TD HALIGN="LEFT">Lovullo</TD><TD
    HALIGN="LEFT">2b</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.273
</NUM></TD></TR><TR><TD HALIGN="LEFT">Myers</TD><TD
    HALIGN="LEFT">c</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.250
</NUM></TD></TR><TR><TD HALIGN="LEFT">Javier</TD><TD
    HALIGN="LEFT">ph</TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.220
</NUM></TD></TR><TR><TD HALIGN="LEFT">Snow</TD><TD
    HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.236
</NUM></TD></TR><TR><TD HALIGN="LEFT">Correla</TD><TD
    HALIGN="LEFT">pr</TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
    HALIGN="RIGHT"><NUM>0</NUM></TD><TD
```

```
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.500
</NUM></TD></TR><TR><TD HALIGN="LEFT">RGonzales</TD><TD
   HALIGN="LEFT">1b</TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.245
</NUM></TD></TR><TR><TD HALIGN="LEFT">Easley</TD><TD
   HALIGN="LEFT">3b</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>.305
</NUM></TD></TR><TR><TD HALIGN="LEFT">DiSarcina</TD><TD
   HALIGN="LEFT">ss</TD><TD
HALIGN="RIGHT"><NUM>3</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>.256
</NUM></TD></TR><TR><TD HALIGN="LEFT">Totals</TD><TD>
   </TD><TD
HALIGN="RIGHT"><NUM>28</NUM></TD><TD
   HALIGN="RIGHT"><NUM>4</NUM></TD><TD
HALIGN="RIGHT"><NUM>5</NUM></TD><TD
   HALIGN="RIGHT"><NUM>4</NUM></TD><TD
HALIGN="RIGHT"><NUM>5</NUM></TD><TD
   HALIGN="RIGHT"><NUM>4</NUM></TD><TD
HALIGN="RIGHT"></TD></TR>
<TR><TD></TD></TR></TBODY></TABLE></BLOCK><HR><BLOCK><TAB
   LE STYLE="BBox2"><TBODY><TR><TD
HALIGN="LEFT">New York</TD><TD></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"></TD><TD
   HALIGN="RIGHT"><NUM>3</NUM></TD><TD></TD><TD
```

```
HALIGN="RIGHT"><NUM>9</NUM></TD><TD
   HALIGN="RIGHT"></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD></TR><TR><TD
HALIGN="LEFT">California</TD><TD></TD><TD
   HALIGN="RIGHT"><NUM>1</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD></TD><TD
   HALIGN="RIGHT"><NUM>0</NUM></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD><TD
   HALIGN="RIGHT"><NUM>3</NUM></TD><TD></TD><TD
HALIGN="RIGHT"><NUM>4</NUM></TD><TD></TD><TD
   HALIGN="RIGHT"><NUM>5</NUM></TD><TD></TD><TD
HALIGN="RIGHT"><NUM>0</NUM></TD></TR><TR><TD></TD></TR></
   TBODY></TABLE></BLOCK><HR></BODY></NITF>
```

Characters and Character Sets

The following character entities are currently defined within the NITF dtd. Additionally the ability to reference alternate character sets for specific language use is outlined.

Note:

The following entity descriptions are in alphabetic order by the name of the element.

The NITF DTD is the final arbiter.

Special Character Entity Definitions

amp

Ampersand character

SGML Definition:
```
<!ENTITY amp SDATA "[amp]">
```

clubs

Club character for playing cards

SGML Definition:
```
<!ENTITY clubs SDATA "[clubs]">
```

copy

Copyright character

SGML Definition:
```
<!ENTITY copy SDATA "[copy]">
```

diams

Diamond character for playing cards

SGML Definition:
```
<!ENTITY diams SDATA "[diams]">
```

emsp

Em space character

SGML Definition:
```
<!ENTITY emsp SDATA "[emsp]"><!-- Deprecated -->
```

ensp

En space character

SGML Definition:
```
<!ENTITY ensp SDATA "[ensp]"><!-- Deprecated -->
```

excl

Exclamation point character

SGML Definition:
```
<!ENTITY excl SDATA "[excl]">
```

gt

Greater-than math symbol / character

SGML Definition:
```
<!ENTITY gt SDATA "[gt]">
```

hearts

Heart character for playing cards

SGML Definition:
```
<!ENTITY hearts SDATA "[hearts]">
```

iexcl

Inverted exclamation point character

SGML Definition:
```
<!ENTITY iexcl SDATA "[iexcl]">
```

iquest

Inverted question mark character

SGML Definition:
```
<!ENTITY iquest SDATA "[iquest]">
```

lt

Less-than math symbol / character

SGML Definition:
```
<!ENTITY lt SDATA "[lt]">
```

mdash

Em dash character

SGML Definition:
```
<!ENTITY mdash SDATA "[mdash]">
```

mldr

Em leader character

SGML Definition:
```
<!ENTITY mldr SDATA "[mldr]">
```

nbsp

SGML Definition:
```
<!ENTITY nbsp SDATA "[nbsp]">
```

ndash

En dash character

SGML Definition:
```
<!ENTITY ndash SDATA "[ndash]">
```

nldr

En leader character

SGML Definition:
```
<!ENTITY nldr SDATA "[nldr]">
```

numsp

Number space character

SGML Definition:
```
<!ENTITY numsp SDATA "[numsp]">
```

para

Paragraph character (pilcrow?)

SGML Definition:
```
<!ENTITY para SDATA "[para]">
```

percnt

Percent character

SGML Definition:
```
<!ENTITY percnt SDATA "[percnt]">
```

quest

Question mark character

SGML Definition:
```
<!ENTITY quest SDATA "[quest]">
```

quot

Quotation character

SGML Definition:
```
<!ENTITY quot SDATA "[quot]">
```

reg

Registration mark character

SGML Definition:
```
<!ENTITY reg SDATA "[reg]">
```

shy

Hyphen character

SGML Definition:
```
<!ENTITY shy SDATA "[shy]">
```

spades

Spade character for playing cards

SGML Definition:
```
<!ENTITY spades SDATA "[spades]">
```

trade

Trademark character

SGML Definition:
```
<!ENTITY trade SDATA "[trade]">
```

Character sets

There is an ongoing discussion on how character sets should be addressed within the SGML community. Initial work centered on the use of entity reference. This is demonstrated in the previous section. These items can also appear via the secondary reference of an entity named list of character entity references.

The preferred method for future applications is to set the base character set in the NITF definition with the ability to change the character set on demand within the document instance.

NITF SGML Declaration

This section presents the base SGML declaration along with the proposed declaration for the operating environment for the NITF.

Base SGML Declaration

The base SGML declaration is presented in ISO 8879:1986. The only initial enhancement is the size of NAMELEN is increased to 24.

```
<!SGML "ISO 8879:1986"
CHARSET
   BASESET
      "ISO 646-1983//CHARSET International Reference Version
         (IRV)//ESC 2/5 4/0"
   DESCSET
      0      9      UNUSED
      9      2      9
      11 2      UNUSED
      13 1      13
      14 18 UNUSED
      32 95 32
      127    1      UNUSED
CAPACITY
   SGMLREF   TOTALCAP 54000
SCOPE
   DOCUMENT
SYNTAX
   SHUNCHAR
      CONTROLS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19
               20 21 22 23 24 25 26 27 28 29 30 31 127 255
   BASESET
      "ISO 646-1983//CHARSET International Reference Version
         (IRV)//ESC 2/5 4/0"
   DESCSET
      0 128    0
   FUNCTION
      RE            13
      RS            10
      SPACE         32
      TAB    SEPCHAR  9
   NAMING
      LCNMSTRT ""
      UCNMSTRT ""
      LCNMCHAR "-."
      UCNMCHAR "-."
      NAMECASE
         GENERAL   YES
         ENTITY    YES
   DELIM
      GENERAL       SGMLREF
      SHORTREF SGMLREF
   NAMES
      SGMLREF
   QUANTITY
      SGMLREF   NAMELEN       24
                LITLEN        960
                GRPCNT        64
                GRPGTCNT 144

FEATURES
```

```
     MINIMIZE
         DATATAG     NO
         OMITTAG     YES
         RANK        NO
         SHORTTAG YES
     LINK
         SIMPLE      NO
         IMPLICIT NO
         EXPLICIT NO
     OTHER
         CONCUR      NO
         SUBDOC      YES    99999999
         FORMAL      YES
APPINFO   NONE
>
```

NITF SGML Declaration(Proposed)

The NITF SGML declaration is based on the need for a much larger data space than was
originally perceived by the SGML standard. These reflect needs determined for CALS 28001.
While these may be much larger than most NITF document instances require, there may be
some, such as large stock tables, which do require the expanded limits. Reduced limits or the
original declaration may suffice for most applications provided that the large declaration is
available as needed.

```
<!SGML "ISO 8879:1986"
--
         Declaration for the NITF SGML implementation.
         Significantly enlarged limits to provide for large document instances.
         Uses ISO Latin 1 for base character set.
         No lc/UC checking for entities.
         Shortref not supported.
         SUBDOC turned off.
--
CHARSET
     BASESET
         "ISO 646-1983//CHARSET International Reference Version (IRV)//ESC 2/5 4/0"
     DESCSET
         0       9    UNUSED
         9       2    9
         11      2    UNUSED
         13      1    13
         14      18   UNUSED
         32      95   32
         127 1   UNUSED
     BASESET
         "ISO Registration Number 100//CHARSET ECMA-94 Right Part of Latin Alphabet Nr.
             1//ESC 2/13 4/1"
     DESCSET
         128 32  UNUSED
         160 5   32
         165 1   UNUSED
         166 88  38
         154 1   127
         255 1   UNUSED
CAPACITY
     SGMLREF  TOTALCAP 1000000
                 ENTITYCAP    300000
                 ELEMCAP  300000
```

```
                    GRPCAP          300000
                    EXGRPCAP 300000
                    EXNMCAP  300000
                    ATTCAP          300000
                    AVGRPCAP300000
                    IDCAP        300000
                    IDREFCAP  300000
SCOPE
    DOCUMENT
SYNTAX
    SHUNCHAR
        CONTROLS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
                        28 29 30 31 127 255
    BASESET
        "ISO 646-1983//CHARSET International Reference Version (IRV)//ESC 2/5 4/0"
    DESCSET
        0    128 0
    FUNCTION
        RE                    13
        RS                    10
        SPACE                 32
        TAB     SEPCHAR  9
    NAMING
        LCNMSTRT          ""
        UCNMSTRT          ""
        LCNMCHAR          "-."
        UCNMCHAR      "-."
        NAMECASE
            GENERAL  YES
            ENTITY          NO
    DELIM
        GENERAL  SGMLREF
        SHORTREF NONE
    NAMES
        SGMLREF
    QUANTITY
        SGMLREF   NAMELEN 32
                        TAGLVL          48
                        LITLEN     8192
                        GRPCNT          80
                        GRPGTCNT256
                        ATTCNT          80
                        ATTSPLEN 8192
                        ENTLVL          32
                        TAGLEN          8192
                        PILEN       8192

FEATURES
    MINIMIZE
        DATATAG  NO
        OMITTAG  YES
        RANK        NO
        SHORTTAGNO
    LINK
        SIMPLE          NO
        IMPLICIT  NO
        EXPLICIT  NO
    OTHER
```

```
        CONCUR    NO
        SUBDOC          NO
        FORMAL         YES
APPINFO    NONE
>
```

NITF SGML Document Type Definition

This section presents the NITF SGML document type definition.

Changes since the last release of the dtd are listed at the end of the external NITF dtd file.

```
<!-- This is the NITF DTD
            <!DOCTYPE NITF PUBLIC "-//IPTC-NAA//DTD NITF 1.0F//EN" >
-->

<!ENTITY % head.html "TITLE?, BANNER?, BASE?, META?">
<!ENTITY % head.docdata "(IIM, NONIIM)?, ANPA89-3.WIREHEAD?,
            IPTC7901.WIREHEAD?">
<!ENTITY % head.links "LINK*, LINKPOOL?">
<!ENTITY % body.head "HEDLINE?, NOTE*, COPYRITE?, BYLINE*, DATELINE?">
<!ENTITY % heading "H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8">
<!ENTITY % list "OL | UL | DL">
<!ENTITY % block "BLOCK">
<!ENTITY % epub.block "HR">
<!ENTITY % inline.content "CHRON | EVENT | LOCATION | MAILADDR | MONEY |
            NUM | ORG | PERSON">
<!ENTITY % misc "A | BR | CLINK | EM | LANG | Q">
<!ENTITY % inline "%inline.content; | %misc;">
<!ENTITY % text "#PCDATA | %inline;">
<!ENTITY % block.content "P | TABLE | FIG | IMG | PHOTO | AUDIO | VIDEO |
            %list; | BQ | FN | NOTE | PRE | HR">
<!ENTITY % bodytext "%heading; | %block; | %list; | %epub.block; | %text; |
            P">
<!ENTITY % body.content "%bodytext;">
<!ENTITY % body.end "TAGLINE?, ADDRESS?">
<!ENTITY % banner.content "%body.content;">
<!ENTITY % name.content "NAME.PREFIX | NAME.GIVEN | NAME.MIDDLE |
            NAME.FAMILY | NAME.SUFFIX">
<!ENTITY % A.content "(%text;)+">
<!-- # -->
<!-- 0 -->
<!ELEMENT NITF - - (HEAD, BODY) -- News Industry Text Format Instance -->
<!-- 1 -->
<!ELEMENT HEAD - - ((%head.html;), (%head.docdata;), (%head.links;)?) --
            Document Header Information -->
<!ELEMENT BODY - - ((%body.head;)?, (%body.content;)*, (%body.end;)) --
            Document Body -->
<!-- 2 -->
<!ELEMENT TITLE - - (#PCDATA) -- Story Title -->
<!ELEMENT BANNER - - (%banner.content;)+ -- Non Scrolling Text Area -->
<!ELEMENT BASE - o EMPTY -- Reference context for URLs -->
<!ELEMENT META - o EMPTY -- Environment Data -->
<!ELEMENT IIM - - (DS*) -- IIM Record 2 Data Container -->
<!ELEMENT NONIIM - - (LOCATION, NID*) -- IIM style data provided in a non
            IIM format -->
<!ELEMENT LINK - o EMPTY -- Link Attriubtes -->
<!ELEMENT LINKPOOL - o (NMLIST | NAMELOC | DATALOC | TREELOC)* -- Hytime
            linkpool -->
<!ELEMENT HEDLINE - - (HL1, HL2*) -- Container for head line and subheads -
            ->
<!ELEMENT NOTE - - (%body.content;)+ -- Document admonishment -->
<!ELEMENT COPYRITE - - (COPYRITE.YEAR, COPYRITE.HOLDER) -- Container for
            copyright information -->
<!ELEMENT BYLINE - - ((PERSON, BYTTL?) | BYTAG) -- Container for byline
            information -->
<!ELEMENT DATELINE - - (LOCATION, STORY.DATE?) -- Container for dateline
            information -->
```

```
<!ELEMENT TAGLINE - - (%text;) -- Tagline -->
<!ELEMENT ADDRESS - - (#PCDATA) -- Address of document author -->
<!-- 3 -->
<!ELEMENT DS - - (#PCDATA) -- IIM Record 2 dataset information --><!--
          Record 2 Only -->
<!ELEMENT COPYRITE.YEAR - - (#PCDATA) -- Copyright year -->
<!ELEMENT COPYRITE.HOLDER - - (#PCDATA) -- Copyright holder -->
<!ELEMENT NID - o EMPTY -- Non-IIM data element -->
<!ELEMENT ANPA89-3.WIREHEAD - o EMPTY -- ANPA/NAA 89-3 (1312) header
          information -->
<!ELEMENT IPTC7901.WIREHEAD - o EMPTY -- IPTC 7901 header information -->
<!ELEMENT NMLIST - - (#PCDATA) -- Hytime nmlist -->
<!ELEMENT NAMELOC - - (NMLIST)* -- Hytime nameloc -->
<!ELEMENT DATALOC - o (DIMLIST) -- Hytime dataloc -->
<!ELEMENT TREELOC - - (MARKLIST*) -- Hytime treeloc -->
<!ELEMENT (HL1 | HL2) - - (#PCDATA | %inline;) -- Headline 1 -- -- Headline
          2 (Subhead) -->
<!ELEMENT (H1 | H2 | H3 | H4 | H5 | H6 | H7 | H8) - - (#PCDATA | %inline;)*
          -- First to eigth level header -->
<!ELEMENT P - o (%text;)+ -- Paragraph -->
<!ELEMENT BLOCK - - (%block.content;)* -- Body grouping agent -->
<!ELEMENT TABLE - - (CAPTION?, (COL* | COLGROUP*), THEAD?, TFOOT?, TBODY+)
          -- Table of data -->
<!ELEMENT FIG - - (FIG.CAPTION?, FIG.PRODUCER?, FIG.DATA) -- Figure -->
<!ELEMENT IMG - - (IMG.CAPTION?, IMG.PRODUCER?, IMG.DATA) -- Image -->
<!ELEMENT PHOTO - - (PHOTO.CAPTION?, PHOTO.PRODUCER?, PHOTO.DATA) --
          Photograph -->
<!ELEMENT AUDIO - - (AUDIO.CAPTION?, AUDIO.PRODUCER?, AUDIO.DATA) -- Audio
          information -->
<!ELEMENT VIDEO - - (VIDEO.CAPTION?, VIDEO.PRODUCER?, VIDEO.DATA) -- Video
          information -->
<!ELEMENT PRE - - (#PCDATA) -- Preformatted information -->
<!ELEMENT BQ - - ((%heading; | %block;)+, CREDIT?)* -- Block quote -->
<!ELEMENT FN - - (%body.content;)+ -- Footnote -->
<!ELEMENT (OL | UL) - - (LH?, LI+) -- Ordered, Unordered List -->
<!ELEMENT DL - - (LH?, (DT?, DD)+) -- Definition List -->
<!ELEMENT PERSON - - (#PCDATA | %name.content;)* -- Human individual -->
<!ELEMENT BYTTL - - (#PCDATA) -- Byline title -->
<!ELEMENT BYTAG - - (#PCDATA) -- Byline tag -- >
<!ELEMENT STORY.DATE - - (#PCDATA) -- Date of story -->
<!ELEMENT HR - o EMPTY -- Horizontal rule -->
<!-- 4 -->
<!ELEMENT DIMLIST - - (#PCDATA) -- Hytime ? -->
<!ELEMENT MARKLIST o o (#PCDATA) -- Hytime treeloc marklist -->
<!ELEMENT (MONEY | CHRON | EVENT) - - (#PCDATA) -- Monetary item -- -- Date
          & Time -- -- An event -->
<!ELEMENT ORG - - (ORGID|#PCDATA)* -- Organization -->
<!ELEMENT LOCATION - - (SUBLOCATION| CITY | STATE | REGION | COUNTRY |
          #PCDATA)* -- Significant place -->
<!ELEMENT MAILADDR - - (ADDRESSEE, DELIVERY.POINT?, (POSTCODE |
          DELIVERY.OFFICE | REGION | COUNTRY)*) -- Mailing address -->
<!ELEMENT NUM - - (#PCDATA | FRAC | SUB | SUP)* -- Numeric data -->
<!ELEMENT A - - %A.content -- Anchor for Hypertext links -->
<!ELEMENT BR - o EMPTY -- Forced Line Break -->
<!ELEMENT CLINK - - (#PCDATA) -- Context Link -->
<!ELEMENT EM - - (#PCDATA) -- Emphasis -->
<!ELEMENT LANG - - (%text;)+ -- Language Identifier -->
<!ELEMENT Q - - (%text;)+ -- Quote -->
<!ELEMENT FIG.CAPTION - - (CAPTION) -- Text describing figure -->
<!ELEMENT FIG.PRODUCER - - (BYLINE)+ -- Byline of figure producer -->
<!ELEMENT FIG.DATA - - (%body.content;)+ -- Actual figure -->
<!ELEMENT IMG.CAPTION - - (CAPTION) -- Text describing image -->
<!ELEMENT IMG.PRODUCER - - (BYLINE)+ -- Byline of image producer -->
<!ELEMENT IMG.DATA - o EMPTY -- Actual image -->
<!ELEMENT PHOTO.CAPTION - - (CAPTION) -- Text describing photo -->
<!ELEMENT PHOTO.PRODUCER - - (BYLINE)+ -- Byline of photo producer -->
```

```
<!ELEMENT PHOTO.DATA - o EMPTY -- Actual photo -->
<!ELEMENT AUDIO.CAPTION - - (CAPTION) -- Text describing audio -->
<!ELEMENT AUDIO.PRODUCER - - (BYLINE)+ -- Byline of audio producer -->
<!ELEMENT AUDIO.DATA - o EMPTY -- Actual audio -->
<!ELEMENT VIDEO.CAPTION - - (CAPTION) -- Text describing video -->
<!ELEMENT VIDEO.PRODUCER - - (BYLINE)+ -- Byline of video producer -->
<!ELEMENT VIDEO.DATA - o EMPTY -- Actual video -->
<!ELEMENT CREDIT - - (%text;) -- Information provider -->
<!ELEMENT (NAME.PREFIX | NAME.GIVEN | NAME.MIDDLE | NAME.FAMILY |
          NAME.SUFFIX) - - (#PCDATA) -- Name prefix -- -- Given name --
          -- Middle name/initial -- -- Family name -- -- Name suffix -->
<!ELEMENT COL - o EMPTY -- Column -->
<!ELEMENT COLGROUP - o (COL+) -- Column group -->
<!ELEMENT THEAD - o (TR+) -- Table heading -->
<!ELEMENT TFOOT - o (TR+) -- Table footer -->
<!ELEMENT TBODY o o (TR+) -- Table body -->
<!ELEMENT LH - o (%text;) -- List header -->
<!ELEMENT LI - o (%block;) -- List item -->
<!ELEMENT DT - o (%text;) -- Definition term -->
<!ELEMENT DD - o (%block;)* -- Definition definition -->
<!-- 5 -->
<!ELEMENT CAPTION - - (%text;) -- Text for caption -->
<!ELEMENT (SUBLOCATION | CITY | STATE) - - (%text;) -- Named region within
          CITY or STATE -- -- City/Town/Village/etc. -- --
          State/Province/Region -->
<!ELEMENT ORGID - o EMPTY -- External identification for organization -->
<!ELEMENT TR - o (TH | TD)+ -- Table row -->
<!ELEMENT ADDRESSEE - o (PERSON, FUNCTION?, CARE.OF) -- Person addreessed -
          ->
<!ELEMENT DELIVERY.OFFICE - - ((#PCDATA) | BR)+ -- Postal city or town -->
<!ELEMENT DELIVERY.POINT - - ((#PCDATA) | BR)+ -- Street, PO Box No -->
<!ELEMENT POSTCODE - - (#PCDATA) -- Postal code -->
<!ELEMENT COUNTRY - - (#PCDATA) -- Country -->
<!ELEMENT REGION - - (#PCDATA) -- Geographic area -->
<!ELEMENT FRAC - - (NUMER, DENOM) -- Fraction -->
<!ELEMENT SUB - - (#PCDATA) -- Subscript -->
<!ELEMENT SUP - - (#PCDATA) -- Superscript -->
<!-- 6 -->
<!ELEMENT (TH | TD) - o (%body.content;)* -- Table header | data cell -->
<!ELEMENT FUNCTION - - (#PCDATA) -- Person role -->
<!ELEMENT CARE.OF - - (#PCDATA) -- Poste Restante -->
<!ELEMENT NUMER - - (#PCDATA) -- Fraction numerator -->
<!ELEMENT DENOM - - (#PCDATA) -- Fraction denominator -->
<!-- 7 -->
<!-- 8 -->
<!-- 9 -->
<!-- 10 -->
<!-- Attribute section -->
<!ENTITY % attrs
          'ID         ID          #IMPLIED
          Class       NAMES       #IMPLIED
          Style       CDATA       #IMPLIED
          Lang        NAME        #IMPLIED
          Dir         (Ltr | Rtl) #IMPLIED'>
<!ENTITY % block.align
 "align (Bleedleft | Left | Center | Right | Bleedright | Justify) Center
          ">
<!ENTITY % cell.halign
          'Halign     (Left | Center | Right | Justify | Char)
                      #IMPLIED
          Char        CDATA       #IMPLIED
          Charoff     CDATA       #IMPLIED'>
<!ENTITY % cell.valign
          'Valign     (Top | Middle | Bottom | Baseline)  #IMPLIED'>
<!ENTITY % form.type "NITF | ASCII | JPEG | GIF |TIF| MPEG2 | Unspec" >
```

```
<!ENTITY % frame "Void | Above | Below | Hsides | LHS | RHS | Vsides | Box
          | Border">
<!ENTITY % link.type    "NAME">
<!ENTITY % linkextraattributes
          "rel         %link.type  #IMPLIED
          rev          %link.type  #IMPLIED
          title        CDATA       #IMPLIED
          methods      NAMES       #IMPLIED">
<!ENTITY % nid.name
          "(Doc.Action |
           Doc.Dukey |
           Doc.Fixture |
           Doc.ID |
           Doc.Owner |
           Doc.Provider |
           Doc.Release-Time |
           Doc.Result |
           Doc.Type |
           Doc.Urgency)">
<!ENTITY % nid.type
          "(Advisory | Container | Election | Market | Score | Story |
          Summary | Table)">
<!ENTITY % object.type "Article | Part.Article | Envelope | Illustration |
          Image | Audio | Video | Other">
<!ENTITY % rules "None | Basic | Rows | Cols | All">
<!ENTITY % tagline.type "Std | PA | NPA">
<!ENTITY % title.type "Main | SubTitle | PartTitle | Alternate | Abbrev |
          Other">
<!ENTITY % URI "CDATA">
<!ENTITY % url.link "md CDATA        #IMPLIED">
<!ENTITY % where "Left | Center | Right">
<!-- -->
<!ATTLIST NITF
          VERSION      CDATA        #FIXED "-//IPTC-NAA//DTD NITF 1.0F//EN"
          Change.Date  CDATA        #FIXED      "24 April 1996"
          Change.Time  CDATA        #FIXED      "1500"
          Baselang     CDATA        #IMPLIED
          URN          CDATA        #IMPLIED
          Class        NAMES        #IMPLIED>
<!ATTLIST ADDRESS %attrs;>
<!ATTLIST A
          Href         %URI;        #IMPLIED
          Name         CDATA        #IMPLIED
          Lang         CDATA        "en.us"
          %url.link;
          %linkextraattributes;>
<!ATTLIST ANPA89-3.WIREHEAD -- from ANPA Special Report 89-3 --
          anpa89-3.sld           CDATA        #IMPLIED -- --
          anpa89-3.storynum      NUMBER       #IMPLIED
          anpa89-3.visual        CDATA        #IMPLIED
          anpa89-3.selcode       CDATA        #IMPLIED
          anpa89-3.priority      CDATA        #IMPLIED
          anpa89-3.category      CDATA        #IMPLIED
          anpa89-3.formatid      (31 | 32 | 41 | 42 ) #IMPLIED
          anpa89-3.keyword       CDATA        #IMPLIED
          anpa89-3.version       CDATA        #IMPLIED
          anpa89-3.reference     CDATA        #IMPLIED
          anpa89-3.filedate      CDATA        #IMPLIED
          anpa89-3.words         NUMBER       #IMPLIED
          anpa89-3.timedate      CDATA        #IMPLIED>
<!ATTLIST AUDIO
          %attrs;
          Src          %URI;        #REQUIRED
          %url.link;
          Length       NUMBER       #IMPLIED>
<!ATTLIST AUDIO.DATA
```

```
                    Copyright   CDATA       #IMPLIED>
<!ATTLIST BANNER
            %attrs;>
<!ATTLIST BASE
            ID          ID          #IMPLIED
            Href        %URI;       #REQUIRED>
<!ATTLIST BODY
            %attrs;
            Background %URI;        #IMPLIED>
<!ATTLIST BQ
            %attrs;
            Nowrap      (nowrap)    #IMPLIED>
<!ATTLIST CAPTION
            %attrs;
            align       (top | bottom | left | right)       #IMPLIED>
<!ATTLIST CHRON
            Norm        CDATA       #IMPLIED>
<!ATTLIST CLINK
            Hytime      name        CLINK
            Linkend     idrefs      #REQUIRED
            ID          id          #IMPLIED>
<!ATTLIST COL
            %attrs;
            Span        NUMBER      1
            Width       CDATA       #IMPLIED
            %cell.halign;
            %cell.valign;>
<!ATTLIST COLGROUP
            %attrs;
            %cell.halign;
            %cell.valign;>
<!ATTLIST CREDIT %attrs;>
<!ATTLIST DATALOC
            ID          id          #REQUIRED
            Locsrc      idref       #IMPLIED
            Quantum     (norm)      norm
            HyTime      name        DATALOC >
<!ATTLIST DD %attrs;>
<!ATTLIST DIMLIST
            HyTime      name        DIMLIST>
<!ATTLIST DL %attrs;>
<!ATTLIST DS
            Num         NUTOKEN     #REQUIRED>
<!ATTLIST DT %attrs;>
<!ATTLIST EM %attrs;>
<!ATTLIST FIG
            %attrs;
            Src         %URI;       #REQUIRED
            %url.link;
            %block.align;
            Noflow      (noflow)    #IMPLIED
            Width       NUMBER      #IMPLIED
            Height      NUMBER      #IMPLIED
            Imagemap    (%URI)      #IMPLIED>
<!ATTLIST FIG.DATA
            Copyright   CDATA       #IMPLIED>
<!ATTLIST FN %attrs;>
<!ATTLIST (%heading) %attrs;>
<!ATTLIST (HL1|HL2) %attrs;>
<!ATTLIST HR
            Src         %URI;       #IMPLIED>
<!ATTLIST IIM
            Ver         NUTOKEN     #IMPLIED>
<!ATTLIST IMG
            %attrs;
            Src         %URI;       #REQUIRED
```

```
                %url.link;
                Alt             CDATA           #IMPLIED
                Align           (top|middle|bottom|left|right)          top
                Width           NUMBER          #IMPLIED
                Height          NUMBER          #IMPLIED
                Units           (pixels)        pixels
                Ismap           (ismap)         #IMPLIED>
<!ATTLIST IMG.DATA
                Copyright       CDATA           #IMPLIED>
<!ATTLIST IPTC7901.WIREHEAD -- from IPTC 7901 R4 (1991) --
                iptc7901.svcid          CDATA           #IMPLIED
                iptc7901.msgnum         NUMBER          #IMPLIED
                iptc7901.priority       CDATA           #IMPLIED
                iptc7901.category       CDATA           #IMPLIED
                iptc7901.words          NUMBER          #IMPLIED
                iptc7901.optinfo        CDATA           #IMPLIED
                iptc7901.keyword        CDATA           #IMPLIED
                iptc7901.catchline      CDATA           #IMPLIED
                iptc7901.timedate       CDATA           #IMPLIED>
<!ATTLIST LANG %attrs;>
<!ATTLIST LH %attrs;>
<!ATTLIST LI
                %attrs;
                Dingbat         ENTITY          #IMPLIED
                Src             (%URI;)         #IMPLIED
                %url.link;
                Skip            NUMBER          0>
<!ATTLIST LINK
                href            %URI            #REQUIRED
                %linkextraattributes;>
<!ATTLIST MARKLIST
                HyTime          NAME            MARKLIST>
<!ATTLIST META
                Http-equiv      NAME            #IMPLIED
                Name            NAME            #IMPLIED
                Content         CDATA           #REQUIRED>
<!ATTLIST MONEY
                Unit            CDATA           #IMPLIED>
<!ATTLIST NAMELOC
                ID              id              #REQUIRED
                HyTime          name            NAMELOC>
<!ATTLIST NID
                Name            %nid.name       #IMPLIED
                Type %nid.type                  #IMPLIED
                Value           CDATA           #IMPLIED>
<!ATTLIST NMLIST
                Docorsub        entity          #IMPLIED
                Nametype        (element | entity)      element
                HyTime          name            NMLIST>
<!ATTLIST NOTE
                %attrs;
                Noteclass       (cpyrt | end | hd | editorsnote | trademk | undef)
                                #IMPLIED
                Type            (std | pa | npa)        std
                Src             %URI;           #IMPLIED
                %url.link;>
<!ATTLIST OL
                %attrs;
                Continue        (Continue)      #IMPLIED
                Seqnum          NUMBER          #IMPLIED
                Compact         (Compact)       #IMPLIED>
<!ATTLIST ORGID
                IDSrc           CDATA           #REQUIRED
                Value           CDATA           #REQUIRED>
<!ATTLIST P %attrs;>
<!ATTLIST PHOTO
```

```
                %attrs;
                Src         %URI;          #REQUIRED
                %url.link;
                Alt         CDATA          #IMPLIED
                Align       (top|middle|bottom|left|right)      top
                Width       NUMBER         #IMPLIED
                Height      NUMBER         #IMPLIED
                Units       (pixels)       pixels
                Ismap       (ismap)        #IMPLIED>
<!ATTLIST PHOTO.DATA
                Copyright   CDATA          #IMPLIED>
<!ATTLIST Q %attrs;>
<!ATTLIST SUB %attrs;>
<!ATTLIST SUP %attrs;>
<!ATTLIST TABLE
                %attrs;
                TableType   ENTITY         #IMPLIED
                Align       (%where)       #IMPLIED
                Width       CDATA          #IMPLIED
                Cols        NUMBER         #IMPLIED
                Border      CDATA          #IMPLIED
                Frame       (%frame)       #IMPLIED
                Rules       (%rules)       #IMPLIED
                Cellspacing CDATA          #IMPLIED
                Cellpadding CDATA          #IMPLIED>
<!ATTLIST TAGLINE
                Type                       (%tagline.type)        std>
<!ATTLIST (TBODY | TFOOT | THEAD)
                %attrs;
                %cell.halign;
                %cell.valign;>
<!ATTLIST (TD | TH)
                %attrs;
                Axis        CDATA          #IMPLIED
                Axes        CDATA          #IMPLIED
                Nowrap      (nowrap)       #IMPLIED
                Rowspan     NUMBER         1
                Colspan     NUMBER         1
                %cell.halign;
                %cell.valign;>
<!ATTLIST TITLE
                Type        (%title.type;)            #IMPLIED>
<!ATTLIST TR
                %attrs;
                %cell.halign;
                %cell.valign;>
<!ATTLIST TREELOC
                ID          id             #REQUIRED
                Locsrc      idref          #IMPLIED
                HyTime      name           TREELOC>
<!ATTLIST UL
                %attrs;
                Wrap        (Vert | Horiz | None)   None
                Plain       (Plain)        #IMPLIED
                Dingbat     ENTITY         #IMPLIED
                Src         (%URI)         #IMPLIED
                %url.link;
                Compact     (Compact)      #IMPLIED>
<!ATTLIST VIDEO
                %attrs;
                Src         %URI;          #REQUIRED
                %url.link;
                Length      NUMBER         #IMPLIED>
<!ATTLIST VIDEO.DATA
                Copyright   CDATA          #IMPLIED>
<!-- Special Characters -->
```

```
<!ENTITY amp SDATA "[amp]">
<!ENTITY clubs SDATA "[clubs]">
<!ENTITY copy SDATA "[copy]">
<!ENTITY diams SDATA "[diams]">
<!ENTITY emsp SDATA "[emsp]"><!-- Deprecated -->
<!ENTITY ensp SDATA "[ensp]"><!-- Deprecated -->
<!ENTITY excl SDATA "[excl]">
<!ENTITY gt SDATA "[gt]">
<!ENTITY hearts SDATA "[hearts]">
<!ENTITY iexcl SDATA "[iexcl]">
<!ENTITY iquest SDATA "[iquest]">
<!ENTITY lt SDATA "[lt]">
<!ENTITY mdash SDATA "[mdash]">
<!ENTITY mldr SDATA "[mldr]">
<!ENTITY nbsp SDATA "[nbsp]">
<!ENTITY ndash SDATA "[ndash]">
<!ENTITY nldr SDATA "[nldr]">
<!ENTITY numsp SDATA "[numsp]">
<!ENTITY para SDATA "[para]">
<!ENTITY percnt SDATA "[percnt]">
<!ENTITY quest SDATA "[quest]">
<!ENTITY quot SDATA "[quot]">
<!ENTITY reg SDATA "[reg]">
<!ENTITY shy SDATA "[shy]">
<!ENTITY spades SDATA "[spades]">
<!ENTITY trade SDATA "[trade]">
<!-- Short references -->
<!-- none -->
<!-- The End -->
```