Appendix A

Standardized Headline Instructions For Long Duration Products

This appendix provides standardized headline instructions for the following products:

    a.   Winter Storm Watch/Warning/Advisory (WSW)
    b.   Non-Precipitation Watch/Warning/Advisory (NPW)
    c.   Fire Weather Watch and Red Flag Warning (RFW)
    d.   Flood or Flash Flood Watch (FFA)
    e.   Coastal/Lakeshore flood products (CFW) containing watch, warning, and/or advisory headlines.
    f.   Coastal Waters Forecast (CWF) containing watch*, warning, and/or advisory headlines.
    g.   Nearshore Forecast (NSH) containing watch*, warning, and/or advisory headlines.

Products not listed here are not required to use standardized headlines unless otherwise specified in product specification directives.

1.   Long Duration Warnings and Advisories.

1.1   Order of Elements. The long duration warning and advisory headline will include the following elements in the order shown:

    a.   Leading ellipsis (...)
    b.   Valid warning or advisory product name (see appropriate directive)
    c.   Event action phrase (see Table 1)
    d.   Event beginning date and time (when applicable - see Section 1.4)
    e.   Event ending date and time (when applicable - see Section 1.4)
    f.   Trailing ellipsis (...)

    Exception: When necessary (e.g., mountainous terrain), areal descriptive terms and elevation indicators are permitted after the ending day and time phrase and before the trailing ellipsis.

1.2.   Event Action Phrases. The long duration headline event action phrase corresponds with the VTEC action code used for the segment. Only the event action phrases shown in Table 1 will be used in long duration headlines.

VTEC Action Code	Description	Required Event Action Phrase	Include Time/Date?
NEW	Initial Issuance	IN EFFECT	Yes
CON	Continuation or update of event	REMAINS IN EFFECT	Yes
EXT	Extend or shorten warning or advisory start and/or ending date/time	NOW IN EFFECT	Yes
EXA	Expansion of event geographic area	IN EFFECT	Yes
EXB	Valid time period and area have been extended	IN EFFECT	Yes
CAN	Hazard terminated prior to event end time	IS CANCELLED	No
EXP	Product approaching hazard expiration.	WILL EXPIRE AT	Yes
	Product has expired. Used after hazard expiration has passed.	HAS EXPIRED	No
UPG	Upgrade to warning – no headline		

Table 1. Event action phrases for warning and advisory headlines.

1.3   <u>Headline Examples</u>.

a.   Initial issuance:
```
...BLIZZARD WARNING IN EFFECT FROM 7 AM THIS MORNING TO 11 AM EST
WEDNESDAY...
```

b.   Update:
```
...BLIZZARD WARNING REMAINS IN EFFECT UNTIL 11 AM EST
WEDNESDAY...
```

c.   Extended event end time:
```
...BLIZZARD WARNING NOW IN EFFECT UNTIL 5 PM EST WEDNESDAY...
```

d.   Shortened event end time:
```
...BLIZZARD WARNING NOW IN EFFECT UNTIL 8 AM EST WEDNESDAY...
```

e.   Cancelled prior to event end time/date:
```
...BLIZZARD WARNING IS CANCELLED...
```

f.   Expiration statement prior to event end time:
```
...BLIZZARD WARNING WILL EXPIRE AT 4 PM EST THIS AFTERNOON...
```

g.   Expiration statement after event end time to clear products (event end time + 30 minutes):
```
...BLIZZARD WARNING HAS EXPIRED...
```

1.4   Expression of Event Beginning and Ending Times. Long duration warning and advisory headlines will include the time, time zone indicator and day the warning/advisory is in effect.

a.   Beginning and Ending Times Listed. When the beginning and ending times are listed, the beginning time is preceded by the word "FROM", and the ending time is preceded by the word "TO."

b.   Ending Time Listed Separately. When the ending time is listed by itself, the ending time is preceded by the word, "UNTIL."

1.4.1   Issuance Time and Event Start Time on the Same Calendar Day. When the issuance time and event start time occur on the same calendar day, the warning and advisory headline will include the time phrases listed in Table 2.

Time Period Covered	Same Calendar Day Time Phrase
Midnight – 5:59 AM	Early This Morning
6 AM – 11:59 AM	This Morning
Noon	Today
12:01 PM – 5:59 PM	This Afternoon
6 PM – 11:59 PM	This Evening

Table 2. Headline time phrases for long duration warnings and advisories in effect on same calendar day of issuance.

Example:

Issuance Time - 4 AM Tuesday
Event Start Time - 7 AM Tuesday
Event End Time - 11 AM Wednesday

```
...HEAVY SNOW WARNING IN EFFECT FROM 7 AM THIS MORNING TO 11 AM EST
WEDNESDAY...
```

a.   Special Case #1: Similar Time Phrase for the Start and End Times. If the Start and end time use the same time phrase, then only one time phrase will be used and it will placed after the end time. Example:

Issuance Time - 10 AM Tuesday
Event Start Time - 1 PM Tuesday
Event End Time - 5 PM Tuesday

```
...HIGH WIND WARNING IN EFFECT FROM 1 PM TO 5 PM MDT THIS
AFTERNOON...
```

b.   Special Case #2: If the start time and end time use "Early This Morning" and "This Morning," then place the time phrase "This Morning" after the end time ONLY. Example:

Issuance Time - 1 AM Tuesday
Event Start Time - 4 AM Tuesday
Event End Time - 9 AM Tuesday

```
...SNOW ADVISORY IN EFFECT FROM 4 AM TO 9 AM CST THIS MORNING...
```

1.4.2   Issuance Time and Event Start Time are on Different Calendar Days.   When the issuance time and event start time occur on different calendar days, the warning and advisory headline will include the time and day the product is in effect for.

Example:

Issuance Time - 3 PM Tuesday
Event Start Time - 5 AM Wednesday
Event End Time - 5 AM Thursday

```
...ICE STORM WARNING IN EFFECT FROM 5 AM WEDNESDAY TO 5 AM EST
THURSDAY...
```

a.   Special Case #1: If the event start time and end time occur on same day, then the day phrase will be used after the event end time only. Example:

Issuance Time - 10 PM Tuesday
Event Start Time - 5 AM Wednesday
Event End Time - 5 PM Wednesday

```
...LAKE EFFECT SNOW WARNING IN EFFECT FROM 5 AM TO 5 PM CST
WEDNESDAY...
```

1.4.3   Issuance Time the Same as Event Start Time.   When the issuance time and event start time occur simultaneously, the warning and advisory headline will only include the event end time in the headline.

a.   Special Case #1: If the event end time occurs on same calendar day as the issuance time, then use the same calendar rules for the end time phrase set in Table 1.

Issuance Time - 4 AM Tuesday
Event Start Time - 4 AM Tuesday
Event End Time - 8 PM Tuesday

```
...SNOW ADVISORY IN EFFECT UNTIL 8 PM PST THIS EVENING...
```

b.   Special Case #2: If the event end time occurs on a different day than the issuance time, then the day phrase will be used after the event end time.

Issuance Time - 4 PM Tuesday
Event Start Time - 4 PM Tuesday
Event End Time - 2 AM Wednesday

```
...WINTER STORM WARNING IN EFFECT UNTIL 2 AM CST WEDNESDAY...
```

c.   Special Case #3: If the event start time < issuance time + 3 hours, then only include the event end time in the headline.

Issuance Time - 10:15 PM Tuesday
Event Start Time - 1 AM Wednesday
Event End Time - 10 AM Wednesday

```
...DENSE FOG ADVISORY IN EFFECT UNTIL 10 AM EST WEDNESDAY...
```

1.4.4   Time Zone Indicators. The long duration warning and advisory headline will include a time zone indicator after the specific time.   If two times are listed, then place the time zone indicator after the second time listed.

Example:

```
...STORM WARNING IN EFFECT FROM 8 PM THIS EVENING TO 10 AM EST
WEDNESDAY...
```

1.4.4.1 Zone Grouping with Two or More Time Zones. If the zone grouping includes more than one time zone, then the additional time zone(s) will be placed between forward slashes next to all time indicators.

Example:

```
...HEAVY SNOW WARNING IN EFFECT FROM 3 AM EDT /2 AM EST/ /2PM CDT/ TO
10 AM EDT /9 AM EST/ /9AM CDT/ THIS MORNING...
```

Example:

```
...SNOW ADVISORY IN EFFECT UNTIL 8 PM PST /9 PM MST/ TONIGHT...
```

1.4.4.2 Warnings and Advisories Issued by Guam. Any long duration warnings and advisories issued by Guam will use Chamarro Standard Time, "CHST " for the time zone indicator.

Example:

```
...HIGH WIND WARNING IN EFFECT UNTIL 3 AM CHST WEDNESDAY...
```

1.5   Uniform Format for Explicit Time-of-Day Terms. The explicit time of day will be expressed in the general format **<hhmm AM/PM tz>**, in accordance with NWSI 10-1701. Note: Follow time zone indicator rules in Section 1.4.4.

    a.   In the **<hhmm>** field, the minutes digits are required and rounded to the nearest 15 minutes. Leading and trailing zeroes are not used (e.g., use 9 PM instead of 0900 PM).

    b.   Use **NOON <tz> TODAY** in place of 12 PM <tz> THIS AFTERNOON.

    c.   Use **MIDNIGHT <tz> TONIGHT** instead of 12 AM <tz> (day + 1).
              Use **MIDNIGHT <tz> (day + 1) NIGHT** instead of 12 AM <tz> (day + 2).

        Example:
        Issuance Time – 4 PM Tuesday
        Event Start Time – 12 AM Wednesday
        Event End Time – 12 AM Thursday

        `...HEAVY SNOW WARNING IN EFFECT FROM `**`MIDNIGHT TONIGHT`**` TO `**`MIDNIGHT`**
        `EST WEDNESDAY NIGHT...`

2.   **Long Duration Watches**.

2.1   Order of Elements. The long duration watch headline will include the following elements:

    a)   Leading ellipsis (...)
    b)   Valid watch product name (see appropriate directive)
    c)   Event action phrase (see Table 3)
    d)   General event beginning date and time phrase (when applicable - see Section 2.4)
    e)   General event ending date and time (when applicable - see Section 2.4)
    f)   Trailing ellipsis (...)

    Exception: When necessary (e.g., mountainous terrain), areal descriptive terms and elevation indicators are permitted after the ending day and time phrase and before the trailing ellipsis.

2.2   Event Action Phrases. The long duration watch headline event action phrase corresponds with the VTEC action code.   Only the following event action phrases will be used in long duration headlines as shown in table 3.

VTEC Action Code	Description	Required Event Action Phrase	Include Time/Date?
NEW	Initial Issuance	IN EFFECT	Yes
CON	Continuation or update of event	REMAINS IN EFFECT	Yes

EXT	Extend watch start and/or ending date/time	NOW IN EFFECT	Yes
EXA	Expansion of event geographical area	IN EFFECT	Yes
EXB	Valid time period and area have been extended	IN EFFECT	Yes
CAN	Product cancelled prior to event end time	IS CANCELLED	No
EXP **Valid for FFA only**	Product approaching hazard expiration.	WILL EXPIRE AT	Yes
	Product has expired. Used after hazard expiration has passed.	HAS EXPIRED	No
UPG	Not applicable - no headline		

Table 3. Event action phrases for watch headlines.

2.3 <u>Headline Examples</u>.

a) Initial issuance:
```
 ...WINTER STORM WATCH IN EFFECT FROM SUNDAY MORNING THROUGH
MONDAY MORNING...
```

b) Update:
```
...WINTER STORM WATCH REMAINS IN EFFECT FROM SUNDAY MORNING
THROUGH MONDAY MORNING...
```

c) Extended event end time:
```
...WINTER STORM WATCH NOW IN EFFECT FROM SUNDAY MORNING THROUGH
MONDAY AFTERNOON...
```

d) Shortened event start <u>and</u> end time:
```
...WINTER STORM WATCH NOW IN EFFECT FROM SATURDAY NIGHT THROUGH
SUNDAY NIGHT...
```

e) Cancelled prior to event end time/date:
```
...WINTER STORM WATCH IS CANCELLED...
```

f) Expiration statement for FFA after event end time to clear products (event end time + 30 minutes):
```
...FLOOD WATCH HAS EXPIRED...
```

2.4 <u>Expression of Event Beginning and Ending Times</u>. A long duration watch headline will include a general time phrase and the day the watch is in effect for, as specified in Table 4.

a. <u>Beginning and Ending Times Listed</u>. When the beginning and ending general time phrases are listed, the beginning time phrase is preceded by the word "FROM", and the ending time phrase is preceded by the word "THROUGH."

b. <u>Ending Time Listed Separately</u>. When the ending time is listed by itself, the ending

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Time Period Covered	Same Calendar Day Time Phrase	Day +1 Calendar Day Time Phrase	Day + 2 Calendar Day Time Phrase
Midnight – 5:59 AM	Note: the 0 to 12 hour period is only used in Flood Watches – special procedures apply - see Section 3	Late Tonight	Late (day + 1) Night
6 AM – 11:59 AM		(day + 1 Morning	(day + 2) Morning
Noon – 5:59 PM	This Afternoon	(day + 1) Afternoon	(day + 2) Afternoon
6 PM – 11:59 PM	This Evening	(day + 1) Evening	(day + 2) Evening

Table 4. Headline time phrases for long duration watches.

2.4.1   Issuance Time and Event Start Time on the same Calendar day. When the issuance time and event start time occur on the same calendar day, the watch headline will include the time phrases listed in Table 4.

Example:

> Issuance Time - 4 AM Tuesday
> Event Start Time - 8 PM Tuesday
> Event End Time - 4 PM Wednesday
>
> ```
> ...WINTER STORM WATCH IN EFFECT FROM THIS EVENING THROUGH WEDNESDAY
> AFTERNOON...
> ```

a.   Special Case #1: Similar Time Phrase for the Start and End Times.   If the Start and end time use the same time phrase, then only one time phrase will be used and it will be placed after the end time.

> Issuance Time - 4 AM Tuesday
> Event Start Time - 6 PM Tuesday
> Event End Time - 11 PM Tuesday
>
> ```
> ...HIGH WIND WATCH IN EFFECT THIS EVENING...
> ```

2.4.2   Issuance Time and Event Start Time are on Different Calendar Days. When the issuance time and event start time occur on different calendar days, the warning and advisory headline will include the time phrase (Table 2) and day the product is in effect for.
Example:

> Issuance Time - 3 PM Tuesday
> Event Start Time - 5 AM Wednesday
> Event End Time - 5 AM Thursday
>
> ```
> ...WINTER STORM WATCH IN EFFECT FROM LATE TONIGHT THROUGH LATE
> WEDNESDAY NIGHT...
> ```

Example:

> Issuance Time - 4 AM Tuesday
> Event Start Time - 6 AM Wednesday
> Event End Time - 5 PM Thursday

> ```
> ...LAKESHORE FLOOD WATCH IN EFFECT FROM WEDNESDAY MORNING THROUGH
> THURSDAY AFTERNOON...
> ```

3.   Special Requirements for Flood and Flash Flood Watches and Marine Hazards Carried in the Coastal Waters Forecast (CWF) and Nearshore Forecast (NSH). Because many flood or flash flood watches begin within the twelve hour cutoff time for other long-duration watches, hydrology requirements for headlines are a hybrid between long-duration watches and long-duration warnings. These requirements are specified in this section.

Because marine hazards can exist at any time period in the Coastal Waters Forecast or Great Lakes Nearshore Forecast (i.e., no "EXPECTED" wording), the standardized headlines for marine warnings and advisories follow the rules of specific times within 12 hours and general times beyond 12 hours. These requirements are specified in this section.

3.1   Event Beginning Date/Time is at least three hours after the product issuance time, but is within the first 12-hour period, and the Event Ending Date/Time is also within the first 12-hour period. When this is the case, follow headline requirements for long duration warnings and advisories (Section-1) in specifying both times – i.e., in headline, use specific times in the Event Beginning Date/Time and Event Ending Date/Time.

Example:

> Issuance Time - 8 AM Tuesday
> Event Start Time - 1 PM Tuesday
> Event End Time - 7 PM Tuesday

> ```
> ...FLASH FLOOD WATCH IN EFFECT FROM 1 PM THIS AFTERNOON TO 7 PM CDT
> THIS EVENING...
> ```

3.1.1   Marine. Example of Small Craft Advisory headline in Nearshore Forecast (NSH).

Example:

> NSH Issuance Time – 4 AM Tuesday
> Event Start Time - 8 AM Tuesday
> Event End Time – 3 PM Tuesday

> ```
> ...SMALL CRAFT ADVISORY IN EFFECT FROM 8 AM THIS MORNING TO 3 PM CDT
> THIS AFTERNOON...
> ```

3.2   Event Beginning Date/Time is within three hours of the product issuance time and the Event Ending Date/Time is within the first 12 hour period. When this is the case, follow headline requirements for other long duration warnings and advisories (Section-1) – i.e., in headline, use specific time in the Event Ending Date/Time.

Example:

Issuance Time - 8 AM Tuesday
Event Start Time - 8 AM Tuesday
Event End Time - 7 PM Tuesday

```
...FLASH FLOOD WATCH IN EFFECT UNTIL 7 PM CDT THIS EVENING...
```

3.2.1   Marine. Example of Gale Warning headline in a Coastal Waters Forecast (CWF).

Example:

CWF Issuance Time – 4:30 AM Tuesday
Event Start Time – 4:30 AM Tuesday
Event End Time - 3 PM Tuesday

```
...GALE WARNING IN EFFECT UNTIL 3 PM CDT THIS AFTERNOON...
```

3.3   Event Beginning Date/Time is at least three hours after the product issuance time, but is within the first 12 hour period, but the Event Ending Date/Time is outside the first 12 hour period. When this is the case, use a hybrid of headline requirements for long duration warnings and advisories (Section-1) and long duration watches (Section-2) – i.e., in headline, use specific time in the Event Beginning Date/Time with time zone appended, but use general time phrase in the Event Ending Date/Time.

Example:

Issuance Time - 8 AM Tuesday
Event Start Time - 2 PM Tuesday
Event End Time - 8 AM Wednesday

```
...FLOOD WATCH IN EFFECT FROM 2 PM EST THIS AFTERNOON THROUGH WEDNESDAY
MORNING...
```

3.3.1   Marine. Example of Storm Warning headline in Coastal Waters Forecast (CWF).

Example:

CWF Issuance Time - 4:30 PM Tuesday
Event Start Time - 8 PM Tuesday
Event End Time - 8 PM Wednesday

```
...STORM WARNING IN EFFECT FROM 8 PM EST THIS EVENING THROUGH WEDNESDAY
EVENING...
```

3.4   Event Beginning Date/Time is within three hours of the product issuance time and the
Event Ending Date/Time is more than 12 hours after the product issuance time. When this is the
case, follow headline requirements for long duration watches (Section-2) – i.e., in headline, use
general time phrase in the Event Ending Date/Time.

Example:

Issuance Time - 8:15 AM Tuesday
Event Start Time - 10 AM Tuesday
Event End Time - 8 AM Wednesday

```
...FLOOD WATCH IN EFFECT THROUGH WEDNESDAY MORNING...
```

3.4.1   Marine. Example of Freezing Spray Advisory headline in Great Lakes Nearshore
Forecast (NSH).

Example:

NSH Issuance Time - 4 PM Tuesday
Event Start Time - 6 PM Tuesday
Event End Time - 4 PM Wednesday

```
...FREEZING SPRAY ADVISORY IN EFFECT THROUGH WEDNESDAY AFTERNOON...
```

3.5   Event Beginning Date/Times and Event Ending Date/Times are both more than 12 hours
after the product issuance time. When this is the case, follow headline requirements for long
duration watches (Section-2) in specifying both times – i.e., in headline, use general time phrases
in the Event Beginning Date/Time and the Event Ending Date/Time.

Example:

Issuance Time - 8 AM Tuesday
Event Start Time - 9 PM Tuesday
Event End Time - 8 PM Wednesday

```
...FLOOD WATCH IN EFFECT FROM THIS EVENING THROUGH WEDNESDAY EVENING...
```

3.5.1 Marine. Example of Heavy Freezing Spray Warning headline in Coastal Waters Forecast (CWF).

Example:

Issuance Time - 4:30 AM Tuesday
Event Start Time - 6 PM Tuesday
Event End Time - 6 PM Friday

```
...HEAVY FREEZING WARNING IN EFFECT FROM THIS EVENING THROUGH FRIDAY
EVENING...
```