



## Center for Research in Urdu Language Processing National University of Computer and Emerging Sciences, Lahore Pakistan

**Revision History:** 

Name	Change Date	Version	Description of Changes
Tafseer Ahmed	25 Oct, 2004	4.1.0.1	Created
Sara Hussain	16 Dec, 2004	4.1.0.2	rule modified for compatibility with grammar file (square brackets added) Modified tns_aux to tense_aux and FORM of tense_aux to _AUX_FORM

Rule ID: UGR114

**Rule Syntax:** Following is the constituent description of the rule.

VerbalPhay -> [ v | [v tense\_aux]]

Rule Functional Description: Following are the functional specifications of the rule.

VerbalPhay -> [ v: ^ = !, ! \_VERB\_FORM =c 'hay\_dat'; | [v: ! \_VERB\_FORM =c 'hay\_dat'; tense\_aux: ! \_AUX\_FORM =c 'ga';]].

Frequency: 1

**Description:** This rule shows main rule for verb phrase.

*c-structure*: Verb phrase consists of a verb.

f-structure:.

**Examples:** 

اس بخار [ہے]۔ اسے آنا [ہے]۔





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Rule Status: Under Process

Reference: UGR103, UGR109

**Related Rules:** 

Related POS: UPOS013, UPOS016

Replaces: - UGR020

Reason: - UGR020 was a general rule for all types of VP.

Replaced by: -

**Analysis:** Following is the analysis of the rule.

Analysis: DATIVE 'hay' is a special verb that need dative subject. It is different from Copula 'hay' that needs nominative Subject and Predlink. The forms of 'hay\_dat' is 'hay'(all forms), 'tha'(all forms) and 'ho'(followed by tense auxiliary 'ga').

Result: We decided on above analysis.

**Future Work**