

Appendix 18

H- Peak Alignment Relative to Onset of Stressed Vowel Some examples

(Prosodic transcriptions can be seen in Appendices 20-22.)
(Acoustic records can be seen in Appendices 23-25)

KEY

[V1]	=	onset of stressed vowel
[C1]	=	onset of consonant closing stressed syllable
[V2]	=	onset of vowel in second syllable
[C2]	=	onset of consonant closing the second syllable
[V3]	=	onset of vowel in third syllable
[C3]	=	onset of consonant closing the third syllable
[H]	=	H-level peak after stressed syllable
[L]	=	L-level bottom point after H-level peak
ms	=	milliseconds

1. rises & rise-falls (single syllable)

Extract	accent	contour	alignment
Treherbert 1	<u>won</u>	L*+H%	[H] = 140ms into [C1]
Treherbert 5	<u>Tom</u>	L*+H	[H] = 30ms into [C1]
" "	<u>Nash</u>	H*+H%	[H] = 90ms (60%) into [V1]
Maerdy 1.	<u>I</u>	H*+H	[H] = 80ms (82%) into [V1]
" "	<u>bath</u>	H*+H%	[H] = 110ms (92%) into [V1]
" "	<u>pit</u>	H*+H%	[H] = 90 (95%) into [V1]
" "	<u>see</u>	H*+H%	[H] = 100ms (77%) into [V1]
" "	<u>Ferndale</u>	H*+H+L%	[H] = 98ms (48%) into [V1]
" "	<u>clean</u>	H*+H+L%	[H] = 125ms (49%) into [V1]
Maerdy 8	<u>pound</u>	H*+H%	[H] = 115ms (88%) into [V1]
Maerdy 9.	<u>they</u>	H*+H	[H] = 130ms (93%) into [V1]
" "	<u>no</u>	H*+H	[H] = 110ms (79%) into [V1]
" "	<u>club</u>	H*+H%	[H] = 82ms (87%) into [V1]

2. rises & rise-falls (polysyllable)

Extract	accent	contour	alignment
Treherbert 1	<i>supporter</i>	L*+H	peaks at onset of [V2]
" "	<i>remember</i>	H*+H	peaks 42ms (10%) into [V2]
" "	<i>cynysgiad</i>	L*+H	peaks 90ms (82%) into [V2]
" "	<i>soccer</i>	H*+H+L	peaks with onset of [V2]
Treherbert 5	<i>Parry</i>	L*+H	peaks 62ms (82%) into [V2]
" "	<i>brothers</i>	0*+H%	peaks 64ms (63%) into [V2]
" "	<i>remember them</i>	0*+H%	peaks 20ms (50%) into [V3]
" "	<i>fellow</i>	L*+H	peaks with onset of [V2]
" "	<i>after</i>	L*+H%	peaks 62m (35%) into [V2]
" "	<i>Terrace</i>	L*+H%	peaks 42ms (32%) into [V2]
" "	<i>Colville</i>	H*+H+L%	peaks with onset of [V2]
Maerdy 8	<i>percentage</i>	L*+H%	peaks 62ms (63%) into [V2]
Maerdy 9	<i>people</i>	H*+H	peaks with onset of [V2] (syllabic / l /)
" "	<i>insisting</i>	H*+H	peaks 35ms (32%) into [V2]
" "	<i>Evans</i>	L*+H	peaks 55ms (69%) into [V2]
" "	<i>allowing</i>	H*+H+L	peaks with onset of [V2]
" "	<i>secretary</i>	L*+H+L	peaks with onset of [V2]
Porth 10	<i>always</i>	H*+H	peaks 8ms (9%) into [V2]
" "	<i>community</i>	0*+H+L	peaks with onset of [V2]
" "	<i>councillors</i>	0*+H+0%	peaks with onset of [V2]

3. falls

Extract	accent	contour	alignment
Maerdy 9	<i>Shot</i>	H*+L%	peaks with onset of [V1]
Porth 10	<i>typical</i>	H*+L%	peaks with onset of [V1]