

Webinar Supplement Document

Writing Formulas for Custom Conditions – Useful Examples

Webinar Date: 11/05/2013

The purpose of this document is to provide you with the formulas discussed in the follow-up “Custom Conditions” webinar. This document does not detail instructions for use of the formulas; for step-by-step instructions, please watch the associated video archive.

Formulas used by Michael Thompson:

$C > C1 \text{ AND } C1 > C2 \text{ AND } C2 > C3 \text{ AND } V > V1 \text{ AND } V1 > V2 \text{ AND } V2 > V3$

*Note: This formula was used to create a sort column as well as a % True Indicator

$249 * \text{ABS}(C > C1 \text{ AND } C1 > C2 \text{ AND } C2 > C3 \text{ AND } V > V1 \text{ AND } V1 > V2 \text{ AND } V2 > V3)$

Formulas used by Julia Ormond:

$C - \text{AVGC200}$

$((\text{AVGH30} - \text{AVGL30}) / 2 + (\text{ABS}(\text{H} - \text{C1}) + \text{ABS}(\text{C1} - \text{L}) + \text{ABS}(\text{H1} - \text{C2}) + \text{ABS}(\text{C2} - \text{L1}) + \text{ABS}(\text{H2} - \text{C3}) + \text{ABS}(\text{C3} - \text{L2}) + \text{ABS}(\text{H3} - \text{C4}) + \text{ABS}(\text{C4} - \text{L3}) + \text{ABS}(\text{H4} - \text{C5}) + \text{ABS}(\text{C5} - \text{L4}) + \text{ABS}(\text{H5} - \text{C6}) + \text{ABS}(\text{C6} - \text{L5}) + \text{ABS}(\text{H6} - \text{C7}) + \text{ABS}(\text{C7} - \text{L6}) + \text{ABS}(\text{H7} - \text{C8}) + \text{ABS}(\text{C8} - \text{L7}) + \text{ABS}(\text{H8} - \text{C9}) + \text{ABS}(\text{C9} - \text{L8}) + \text{ABS}(\text{H9} - \text{C10}) + \text{ABS}(\text{C10} - \text{L9}) + \text{ABS}(\text{H10} - \text{C11}) + \text{ABS}(\text{C11} - \text{L10}) + \text{ABS}(\text{H11} - \text{C12}) + \text{ABS}(\text{C12} - \text{L11}) + \text{ABS}(\text{H12} - \text{C13}) + \text{ABS}(\text{C13} - \text{L12}) + \text{ABS}(\text{H13} - \text{C14}) + \text{ABS}(\text{C14} - \text{L13}) + \text{ABS}(\text{H14} - \text{C15}) + \text{ABS}(\text{C15} - \text{L14}) + \text{ABS}(\text{H15} - \text{C16}) + \text{ABS}(\text{C16} - \text{L15}) + \text{ABS}(\text{H16} - \text{C17}) + \text{ABS}(\text{C17} - \text{L16}) + \text{ABS}(\text{H17} - \text{C18}) + \text{ABS}(\text{C18} - \text{L17}) + \text{ABS}(\text{H18} - \text{C19}) + \text{ABS}(\text{C19} - \text{L18}) + \text{ABS}(\text{H19} - \text{C20}) + \text{ABS}(\text{C20} - \text{L19}) + \text{ABS}(\text{H20} - \text{C21}) + \text{ABS}(\text{C21} - \text{L20}) + \text{ABS}(\text{H21} - \text{C22}) + \text{ABS}(\text{C22} - \text{L21}) + \text{ABS}(\text{H22} - \text{C23}) + \text{ABS}(\text{C23} - \text{L22}) + \text{ABS}(\text{H23} - \text{C24}) + \text{ABS}(\text{C24} - \text{L23}) + \text{ABS}(\text{H24} - \text{C25}) + \text{ABS}(\text{C25} - \text{L24}) + \text{ABS}(\text{H25} - \text{C26}) + \text{ABS}(\text{C26} - \text{L25}) + \text{ABS}(\text{H26} - \text{C27}) + \text{ABS}(\text{C27} - \text{L26}) + \text{ABS}(\text{H27} - \text{C28}) + \text{ABS}(\text{C28} - \text{L27}) + \text{ABS}(\text{H28} - \text{C29}) + \text{ABS}(\text{C29} - \text{L28}) + \text{ABS}(\text{H29} - \text{C30}) + \text{ABS}(\text{C30} - \text{L29})) / 60)$

$\text{L-2} * ((\text{AVGH30} - \text{AVGL30}) / 2 + (\text{ABS}(\text{H} - \text{C1}) + \text{ABS}(\text{C1} - \text{L}) + \text{ABS}(\text{H1} - \text{C2}) + \text{ABS}(\text{C2} - \text{L1}) + \text{ABS}(\text{H2} - \text{C3}) + \text{ABS}(\text{C3} - \text{L2}) + \text{ABS}(\text{H3} - \text{C4}) + \text{ABS}(\text{C4} - \text{L3}) + \text{ABS}(\text{H4} - \text{C5}) + \text{ABS}(\text{C5} - \text{L4}) + \text{ABS}(\text{H5} - \text{C6}) + \text{ABS}(\text{C6} - \text{L5}) + \text{ABS}(\text{H6} - \text{C7}) + \text{ABS}(\text{C7} - \text{L6}) + \text{ABS}(\text{H7} - \text{C8}) + \text{ABS}(\text{C8} - \text{L7}) + \text{ABS}(\text{H8} - \text{C9}) + \text{ABS}(\text{C9} - \text{L8}) + \text{ABS}(\text{H9} - \text{C10}) + \text{ABS}(\text{C10} - \text{L9}) + \text{ABS}(\text{H10} - \text{C11}) + \text{ABS}(\text{C11} - \text{L10}) + \text{ABS}(\text{H11} - \text{C12}) + \text{ABS}(\text{C12} - \text{L11}) + \text{ABS}(\text{H12} - \text{C13}) + \text{ABS}(\text{C13} - \text{L12}) + \text{ABS}(\text{H13} - \text{C14}) + \text{ABS}(\text{C14} - \text{L13}) + \text{ABS}(\text{H14} - \text{C15}) + \text{ABS}(\text{C15} - \text{L14}) + \text{ABS}(\text{H15} - \text{C16}) + \text{ABS}(\text{C16} - \text{L15}) + \text{ABS}(\text{H16} - \text{C17}) + \text{ABS}(\text{C17} - \text{L16}) + \text{ABS}(\text{H17} - \text{C18}) + \text{ABS}(\text{C18} - \text{L17}) + \text{ABS}(\text{H18} - \text{C19}) + \text{ABS}(\text{C19} - \text{L18}) + \text{ABS}(\text{H19} - \text{C20}) + \text{ABS}(\text{C20} - \text{L19}) + \text{ABS}(\text{H20} - \text{C21}) + \text{ABS}(\text{C21} - \text{L20}) + \text{ABS}(\text{H21} - \text{C22}) + \text{ABS}(\text{C22} - \text{L21}) + \text{ABS}(\text{H22} - \text{C23}) + \text{ABS}(\text{C23} - \text{L22}) + \text{ABS}(\text{H23} - \text{C24}) + \text{ABS}(\text{C24} - \text{L23}) + \text{ABS}(\text{H24} - \text{C25}) + \text{ABS}(\text{C25} - \text{L24}) + \text{ABS}(\text{H25} - \text{C26}) + \text{ABS}(\text{C26} - \text{L25}) + \text{ABS}(\text{H26} - \text{C27}) + \text{ABS}(\text{C27} - \text{L26}) + \text{ABS}(\text{H27} - \text{C28}) + \text{ABS}(\text{C28} - \text{L27}) + \text{ABS}(\text{H28} - \text{C29}) + \text{ABS}(\text{C29} - \text{L28}) + \text{ABS}(\text{H29} - \text{C30}) + \text{ABS}(\text{C30} - \text{L29})) / 60)$