

Ref:	SMF/SE/0338
Issue:	1
Date:	7 th March 2009
Compliance date:	6 th June 2009

LOWS Set-Up Voice Communications Protocol

Initial LOWS equipment switch on and set up

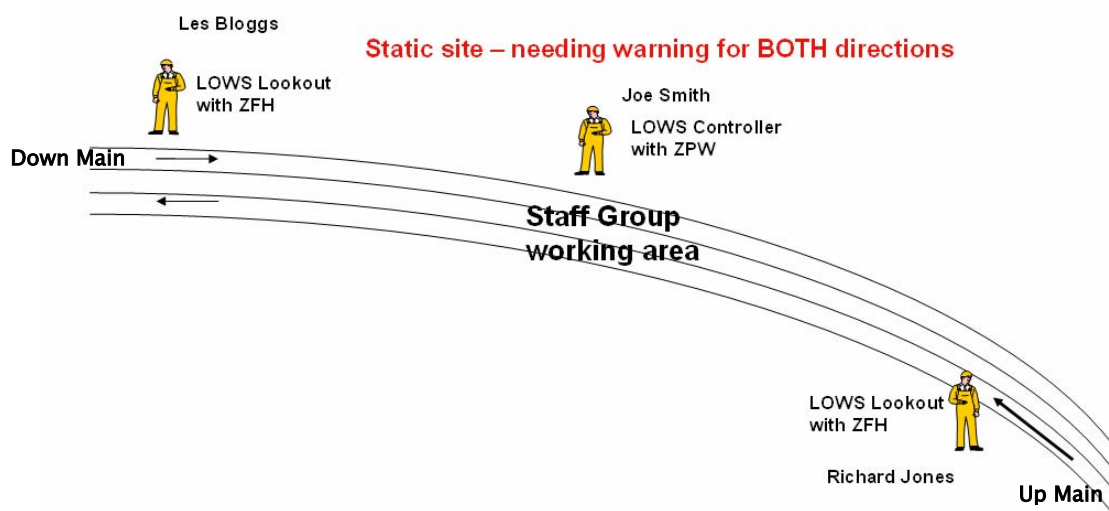
From	To	Protocol
ZPW Operator		Action - Contact first lookout by phone
Lookout 1	ZPW Operator	This is (state your name) Lookout at (state the location) for trains approaching from (state which line(s) direction). I am using lookout unit (state the reference number shown on unit back)
ZPW Operator	Lookout 1	This is (state your name) ZPW Operator located at (state the location). Switch on your lookout unit and await further instructions
Lookout 1	ZPW Operator	Understood. Switch on unit and await further instructions. Out
ZPW Operator		Repeat conversation above with EACH lookout until all instructed

Conducting test warnings to prove system set up

From	To	Protocol
ZPW Operator		Action - Contact first lookout by phone
Lookout 1	ZPW Operator	This is (state your name) Lookout at (state the location) for trains approaching from (state which line(s) direction). I am using lookout unit (state the reference number shown on unit back)
ZPW Operator	Lookout 1	This is (state your name) ZPW Operator located at (state the location). You are (state his name) for the (state line(s) direction) using lookout unit (state the number)
Lookout 1	ZPW Operator	That is correct Note – repeat details above to make any corrections until a clear understanding is reached.
ZPW Operator	Lookout 1	Send a test warning now
Lookout 1	ZPW Operator	Test warning sent
ZPW Operator	Lookout 1	The test warning was correctly received.
ZPW Operator	Lookout 1	Have any trains passed from your direction during equipment set up
Lookout 1	ZPW Operator	No, the area between us is clear
ZPW Operator	Lookout 1	No trains have passed you, the area is clear. Start giving warnings of trains as they approach Note – If a Yes reply is received because a train has passed the lookout then the ZPW Operator MUST ensure that it has passed clear of the worksite BEFORE work starts (If lookout sends a warning using ZFH -the ZPW will give full warning at end of test process)
Lookout 1	ZPW Operator	Understood, I am to give warnings of approaching trains from now
ZPW Operator	Lookout 1	That is correct. OUT
ZPW Operator		Repeat conversation above with EACH lookout until complete.

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WORKED EXAMPLE OF PROTOCOL IN USE FOR SCENARIO SHOWN



Worked Example – Initial LOWS equipment switch on and set up

From	To	Protocol
ZPW Operator		Action - Contact first lookout by phone
Lookout 1	ZPW Operator	This is Les Bloggs . Lookout at Left Acres Junction for trains approaching from the Down direction . I am using lookout unit 1234/5
ZPW Operator	Lookout 1	This is Joe Smith , ZPW Operator located at Middle Fields . Switch on your lookout unit and await further instructions
Lookout 1	ZPW Operator	Understood. Switch on unit and await further instructions. Out
ZPW Operator		Action - Contact second lookout by phone
Lookout 2	ZPW Operator	This is Richard Jones . Lookout at Righton Farm for trains approaching from the Up direction . I am using lookout unit 7272/7
ZPW Operator	Lookout 2	This is Joe Smith , ZPW Operator located at Middle Fields . Switch on your lookout unit and await further instructions
Lookout 2	ZPW Operator	Understood. Switch on unit and await further instructions