Lower Release Sub System mobilizing sheet

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| **SPS Shipment ID** |  | **DO nr** |  |
| **Project / Job #** |  | | |
| **RSS Tool Type** | **Old-style  High Imp.  PRIME** | | |
| **RSS Tool s/n** |  | | |
| **RSS Battery Type** | **Low-temp (up to 150°C)  High-temp (120-177°C)** | | |
| **RSS Battery s/n’s** |  | | |
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| **Threshold** | **Programing Settings** |
| Separation delay (min) | Delay 720 min (12 hours) |
| Temperature Threshold | TMPTH 1°C**\*** |
| Head Volt Threshold | HVTTH 10V |
| Head Volt Threshold + | HVTH + 120V |
| Head Volt Threshold - | HVTH - 90V |
| Motion Threshold (**old style only**) | MOTON 01023**\*** |
| Motion Threshold (**high imp. or PRIME** **only**) | MOTTH 0**\*** |
| Temperature Thresh (+) | TDEV+ 5 |
| Temperature Thresh (-) | TDEV- 5 |

**\*** TMPTH setting is based on operating environment – different locations will have different settings

Note - setting TMPTH = 0°C will disable the temp. reading when the tool (high impedance / PRIME) is in the downhole state. This will prevent the temp. from being checked prior to starting the delay timer. It will also prevent the delay timer from restarting due to temperature excursions.

FOR THIS REASON, SETTING TMPTH = 0°C SHALL BE AVOIDED. ANY RUN WHERE TMPTH MUST BE SET AT 0°C SHALL BE ACCOMPANIED BY A DOCUMENTED RISK ASSESSMENT

\* setting motion threshold (MOTON) in the **old-style** RSS to 01023 ensures the accelerometer is ignored when determining release criteria. Similarly, setting MOTTH in the **high imp. / PRIME RSS** to 0 ensures tool motion is ignored during a release sequence.

**Batteries**

When running an older style RSS tool the [battery log](https://qinterra.zendesk.com/hc/en-us/articles/360024953173-RSS-Battery-Log) must always be maintained and the log shall accompany the battery at all times. With high impedance and PRIME RSS tools a battery log is not required since remaining capacity of the processor battery is easily read via the software.

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| **Tool type** | **Std. p/n** | **High imp. p/n** |
| 218RSS | 960845 | 507355 |
| 318RSS | 105113 | 507224 |
| PRIME RSS | 510552 |  |

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| [**Battery type**](https://qinterra.zendesk.com/hc/en-us/articles/360000375193-Lithium-Batteries-for-older-generation-tools-) | **Low-temp (up to 150°C)** | **High-temp (120-177°C)** |
| 218RSS (std.) | 100915 | 107475 |
| 318RSS (std.) | 107463 | 107464 |

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| [**Battery type**](https://qinterra.zendesk.com/hc/en-us/articles/360019344894-Lithium-Batteries-for-newer-generation-high-impedance-tools-) | **Low-temp (up to 150°C)** | **High-temp (120-177°C)** |
| 218RSS (high imp.) | 1 x 507356 (proc.)  2 x 507357 (fire) | 1 x 508900 (proc.)  2 x 508901 (fire) |
| 318RSS (high imp.) | 1 x 507225 (proc.)  4 x 507226 (fire) | 1 x 508282 (proc.)  4 x 508283 (fire) |
| PRIME RSS | 1 x 507225 (proc.)  4 x 507226 (fire) | 1 x 508282 (proc.)  4 x 508283 (fire) |