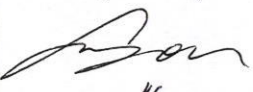
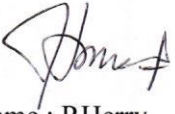



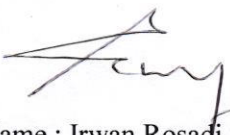


| Change Control Form   |  |  |                     | BRI <del>sat</del> |                              |
|---|--|--|---------------------|--------------------|------------------------------|
| Item Name   | HUB JUPITER  | Request Number   | CCF /CR/11/03/ 2019 | Submission Date    | 11/03/2019                   |
| <b>Change Initiator</b>   |  |  |                     |                    |                              |
| Request Originator  | Indra Perdana  |  |                     | Job Title          | Engineer                     |
| Phone Number  | +62 85219000027  |  |                     | Email              | Perdana.indra@corp.bri.co.id |
| <b>Change Details</b> (put an X mark on one or more applicable choice)  |  |  |                     |                    |                              |
| Project Name  | Kegiatan Upgrade NMS Jovian HUB JUPITER GW1 & GW2 PSCF & BSCF  |  |                     |                    |                              |
| Priority  | <input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Urgent <input type="checkbox"/> Routine   |  |                     |                    |                              |
| Configuration Item  | <input type="checkbox"/> Bus<br><input type="checkbox"/> Payload<br><input type="checkbox"/> Flight Dynamic<br><input type="checkbox"/> Other : <input type="checkbox"/> Network<br><input type="checkbox"/> Ground Hardware<br><input checked="" type="checkbox"/> Ground Software  |  |                     |                    |                              |
| Change Type   | <input type="checkbox"/> Configuration<br><input type="checkbox"/> Design<br><input type="checkbox"/> Other : <input type="checkbox"/> Equipment Swap<br><input checked="" type="checkbox"/> Updates / Patches   |  |                     |                    |                              |
| Reason  | <input type="checkbox"/> Performance<br><input checked="" type="checkbox"/> Enhancement<br><input type="checkbox"/> Testing <input type="checkbox"/> Anomaly / Malfunction<br><input type="checkbox"/> Maintenance<br><input type="checkbox"/> Other : Incident <input type="checkbox"/> Regulatory<br><input type="checkbox"/> Customer Request |  |                     |                    |                              |
| Effective Date and Time   | Start  | GW 2 tanggal <u>18</u> - 03 - 2019 pukul 23.00 WIB ✓ ✓<br>GW 1 tanggal <u>25</u> - 03 - 2019 pukul 23.00 WIB ✓ ✓ |                     |                    |                              |
|   | End  | <input checked="" type="checkbox"/> Indefinitely<br><input type="checkbox"/> Specific Time:                      |                     |                    |                              |
| Attachment Included   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |  |                     |                    |                              |
| <b>Change Description</b> (attach supporting details if necessary):<br>a) <b>Latar Belakang</b> : Adanya beberapa issue operasional pada NMS Jovian versi 6.4.2 build 6.4.2.3<br>b) <b>Tujuan Kegiatan</b> : Perbaikan terhadap beberapa issue operasional NMS Jovian dengan melakukan pembaharuan ke versi 6.4.2 build 6.4.2.5<br>c) <b>Perubahan Konfigurasi</b> : Pembaharuan NMS Jovian ke versi 6.4.2 build 6.4.2.5<br>d) <b>Langkah kegiatan penyesuaian</b><br>1. Capture posisi remote online VSAT Jupiter dan kondisi perangkat HUB<br>2. Hughes Germantown melakukan upgrade software NMS secara remote |  |  |                     |                    |                              |

4

|  |  |   |  |  |
|--|--|---|--|--|
|  | <p>3. Memastikan Jovian telah dapat ber operasional dengan baik dan tidak ada service down pada uker ✓</p> <p>4. Estimasi pekerjaan 4 jam, dan setelah berhasil upgrade data tidak akan hilang ✓</p> <p>e) <b>Impact:</b> NMS tidak dapat digunakan untuk monitoring, namun link BRISat Jupiter tetap online</p> <p>f) <b>Risk Impact :</b> Kesalahan konfigurasi terhadap NMS Jovian yang menyebabkan uker mengalami downtime, dan menyebabkan harus di <i>rollback</i></p> |   |  |  |
|  | <p><b>Approval Notes</b> (filled by Approver) :</p> <p>- Request tim local Hughes Standby selama eksekusi ✓</p> <p>- eksekusi GW-2 sebanyak tgl. 22/23 malam ✓</p>   |   |  |  |
|  | <b>Change Approval</b>   |   |  |  |
|  | <p><b>Prepared by</b></p>  <p>1/4/3</p> <p>Name : Simon Andika</p> <hr/> <p>Jr.Network Eng.</p>   | <p><b>Checked by</b></p>  <p>Name : P.Herry Setyono</p> <hr/> <p>Kabag WAN</p> | <p><b>Checked by</b></p>  <p>Name : Nugroho Pancayogo</p> <hr/> <p>Kabag CAN</p> | <p><b>Checked by</b></p>  <p>Name : Revan Hadi</p> <hr/> <p>Kabag PAC</p> |
|  | Date:  | Date:   | Date:  | Date:  |
|  | <p><b>Checked by</b></p>  <p>Name : Primadoni Y H</p> <hr/> <p>Kabag QA</p>   | <p><b>Approved by</b></p>  <p>Name : Irwan Rosadi</p> <hr/> <p>Wakadiv</p>   | <p><b>Executed by</b></p> <p>Name : _____</p> <hr/> <p>Eng. Satkom</p>   |  |
|  | Date:  | Date:   | Date:  |  |
|  | <p><b>Execution Notes</b> (filled by Executor) :</p>   |   |  |  |