

**CP Form**

<b>Change Proposal – F40/01</b>	<b>CP No: 943</b>  <b>Version No: 2.0</b>
<b>Title</b> <i>(mandatory by originator)</i> Amendment to BSCP20 Registration of Meter Technical Details	
<b>Description of Problem/Issue</b> <i>(mandatory by originator)</i>	
<p>Currently there is no conclusive way of mapping the location on the circuit board of the metering by using the channel numbers in BSCP20/4.3b and BSCP20/4.3c. For example the meter register id's and channel numbers associated with an MSID for a generator might either be metering the generator transformer, main alternator, unit transformer, station transformer or an auxiliary gas turbine.</p> <p>Although each circuit has a sub-system id entered under 4.3b, there is no guidance to ensure that these Sub-system ids will identify or describe the circuit name in any way or be unique between different metering systems.</p>	
<b>Proposed Solution(s)</b> <i>(mandatory by originator)</i>	
<p>It is important to identify which circuit each outstation-channel is metering to be able to interpret CDCA reported metered data. It is necessary to define the circuit associated with each meter register id under 4.3b in a separate column (wide enough to include a reasonable description of what was being metered). This will then be mapped to the associated outstation-channel under 4.3c, to enable our systems to decode what is being metered.</p> <p>BSCP20 should be amended so that guidance notes are provided for the completion of the field 'Metering Subsystem Id' within the form BSCP20/4.3b. The notes should include guidance for completion in order that circuits can be readily identified by means of a naming convention.</p>	
<b>Justification for Change</b> <i>(mandatory by originator)</i>	
<p>At present BSCP20 tables 4.3b &amp; 4.3c do not identify the metering location assigned to a particular channel number. Currently any new BMU unit registration or change of metering details results in a considerable workload to decode the data such that it can be installed into our existing systems under the current arrangements.</p> <p>In addition, given that there is a proposal to include Scottish metering in CDCA to support the arrangements for BETTA and that National Grid cannot use the existing BSCP20 returns to decode CDCA_IO12 reports, some change needs to be implemented. We are heavily dependent on the CDCA metering and have systems to decode IO12 in particular.</p>	

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<b>Configurable Items Potentially Affected by Proposed Solution(s)</b> <i>(optional by Originator)</i>	
<b>Impact on Core Industry Documents</b> <i>(optional by originator)</i> Change to BSCP20 sections 4.3b or 4.3c to include an additional column.	
<b>Related Changes and/or Projects</b> <i>(mandatory by BSCCo)</i>	
<b>Requested Implementation Date</b> <i>(mandatory by originator)</i>  The next suitable BSC Systems Release following the required review and impact assessment process.  <b>Reason:</b>	
<b>Agreed Release/Implementation Date</b> <i>(mandatory by BSCCo)</i>	
<b>Originator's Details:</b>  <b>BCA Name</b>  <b>Organisation</b> National Grid  <b>Email Address</b>  <b>Date:</b> 19/03/03	
Attachments: N            (If Yes, No. of Pages attached:.....) <i>(delete as appropriate)</i>	