

CP Form

Change Proposal – F40/01	CP No: 943 Version No: 3.0
Title <i>(mandatory by originator)</i> Amendment to BSCP20 Registration of Meter Technical Details	
Description of Problem/Issue <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>	
Proposed Solution(s) <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. To facilitate this, the field 'Metering Subsystem Id' in the form BSCP20/4.3b should be renamed to 'Circuit Name' and guidance notes provided for the completion of the field. The notes should include guidance for completion in order that circuits can be readily identified by means of a naming convention.</p> <p>It should be noted that there is an inconsistency in BSCP20 in that elsewhere in the document term "Circuit Name" is used and the column in Form 4.3b is the only place where the term "Metering Subsystem ID" is used although they both terms refer to the same entity.</p>	
Justification for Change <i>(mandatory by originator)</i>	
<p>At present BSCP20 tables 4.3b & 4.3c do not identify the circuit 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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Configurable Items Potentially Affected by Proposed Solution(s) <i>(optional by Originator)</i>	
Impact on Core Industry Documents <i>(optional by originator)</i> Change to BSCP20 sections 4.3b include the renaming of the field 'Metering Subsystem Id' to 'Circuit Name' and the provision of guidance for its completion.	
Related Changes and/or Projects <i>(mandatory by BSCCo)</i>	
Requested Implementation Date <i>(mandatory by originator)</i> The next suitable BSC Systems Release following the required review and impact assessment process. Reason:	
Agreed Release/Implementation Date <i>(mandatory by BSCCo)</i>	
Originator's Details: BCA Name Organisation National Grid Email Address Date: 19/03/03	
Attachments: N (If Yes, No. of Pages attached:.....) <i>(delete as appropriate)</i>	