LOGISTICS AND DIRECTIONS

EVLA Correlator System Cable Labels and Labeling Plan

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1 Revision History

Revision	Date	Changes/Notes	Author
DRAFT	Oct 17, 2007	Initial DRAFT release for review	B. Carlson

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2 Introduction

This document describes the EVLA correlator cable labeling plan. Included in this plan are cable label sheets, sized appropriately, for the various cable applications. The intent is that these sheets are to be printed by a commercial printer on an appropriate self-adhesive, robust material, and that labels can subsequently be peeled off and attached to cables as described.

Labels are designed such that they attach around the cable and back onto themselves to form a “flag” label.

It is likely prudent that 2 complete sets of labels be printed so that label spares are available in case some get damaged.

This plan does not contain installation instructions for cables, although some installation may be self-evident (e.g. M&C Ethernet cables). Installation instructions are included in separate installation LAD documents.

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3 Overview

A greatly simplified overview of all wire and cable connection types in the EVLA correlator is shown in Figure 3-1.

The figure indicates, for each wire or cable connection type, the relevant section of this document containing cable labeling information.

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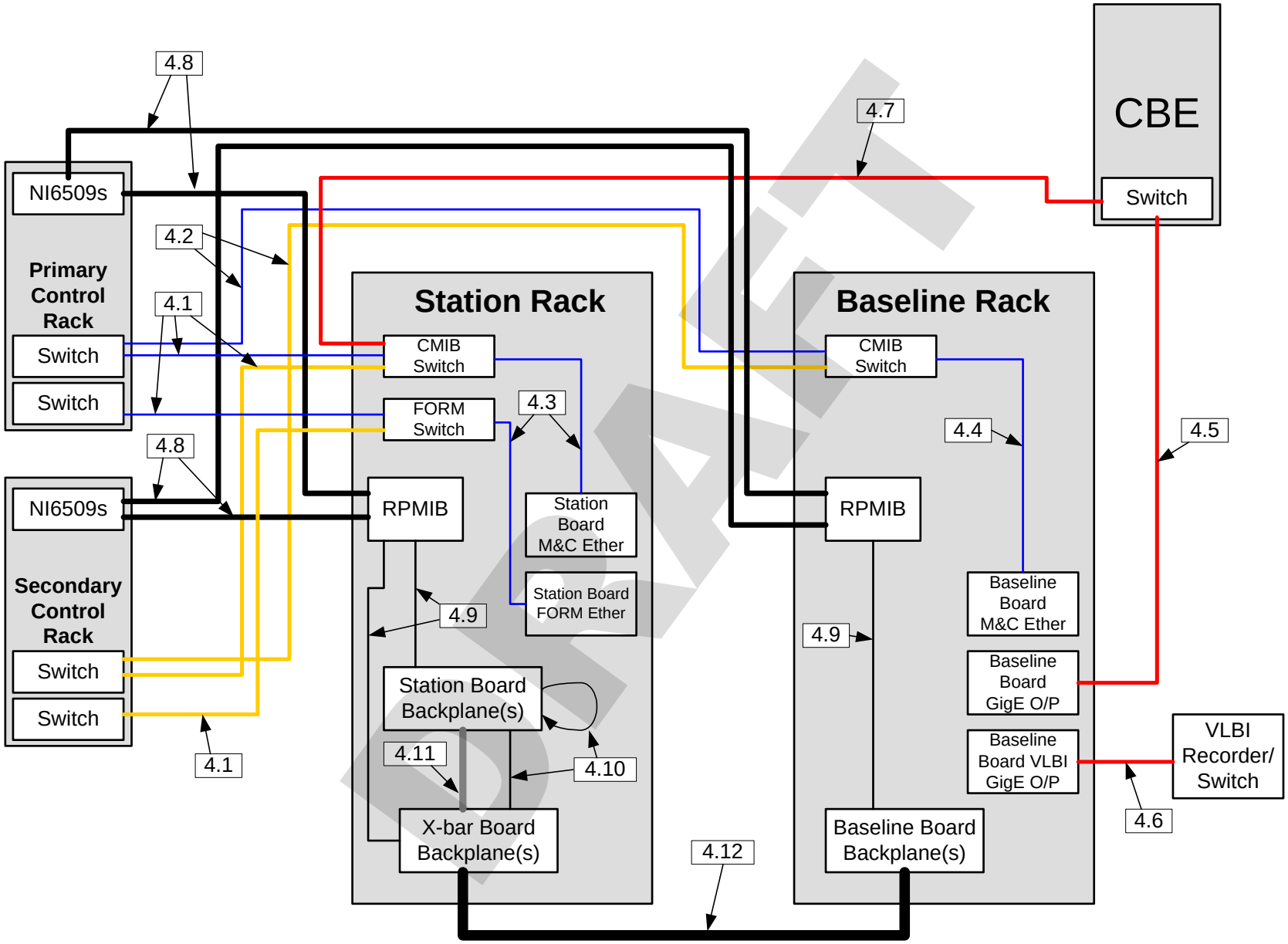

Figure 3-1 Cable types indicating document sections where label details can be found.

4 Instructions

Label nomenclature, instructions for application, quantities required, and label sheets are contained in the following sub-sections.

Refer to appropriate sub-sections as required.

Label dimensions are built so that label sheets are printed, full-size, on 8 ½ x 11 self-adhesive robust material such as soft PVC. Translation of this document to pdf format may shrink the label sheet slightly. The exact dimension between far left and far right vertical lines on each label sheet is **7.5 inches**, if scaling correction is required.

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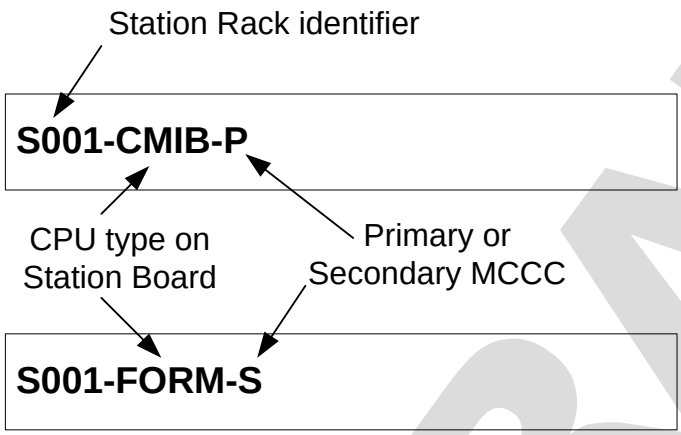
4.1 Station Rack to MCCC/Control Rack M&C Ethernet Cable Labels

Description:

These labels are for Ethernet copper cables (Cat 5e/6) running from Station Rack switches to Control Racks' switches. There is one primary (P) and secondary (S) cable to each primary and secondary Control Rack switch. Inside the Station Rack there are two switches, one for Station Board CMIBs and one for the FORMs. Each switch has 2 cables (P and S) running to the Control Racks.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable; one cable running from the rack switch to the RJ-45 coupler outside the rack, and one from the RJ-45 coupler to the Control Rack's switch.

Quantity for the system:

Qty=2 label sets.

There are 2 sheets in each set.

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S001-CMIB-P	S001-CMIB-P
S001-CMIB-S	S001-CMIB-S
S001-FORM-P	S001-FORM-P
S001-FORM-S	S001-FORM-S
S002-CMIB-P	S002-CMIB-P
S002-CMIB-S	S002-CMIB-S
S002-FORM-P	S002-FORM-P
S002-FORM-S	S002-FORM-S
S003-CMIB-P	S003-CMIB-P
S003-CMIB-S	S003-CMIB-S
S003-FORM-P	S003-FORM-P
S003-FORM-S	S003-FORM-S
S004-CMIB-P	S004-CMIB-P
S004-CMIB-S	S004-CMIB-S
S004-FORM-P	S004-FORM-P
S004-FORM-S	S004-FORM-S

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S005-CMIB-P	S005-CMIB-P
S005-CMIB-S	S005-CMIB-S
S005-FORM-P	S005-FORM-P
S005-FORM-S	S005-FORM-S
S006-CMIB-P	S006-CMIB-P
S006-CMIB-S	S006-CMIB-S
S006-FORM-P	S006-FORM-P
S006-FORM-S	S006-FORM-S
S007-CMIB-P	S007-CMIB-P
S007-CMIB-S	S007-CMIB-S
S007-FORM-P	S007-FORM-P
S007-FORM-S	S007-FORM-S
S008-CMIB-P	S008-CMIB-P
S008-CMIB-S	S008-CMIB-S
S008-FORM-P	S008-FORM-P
S008-FORM-S	S008-FORM-S

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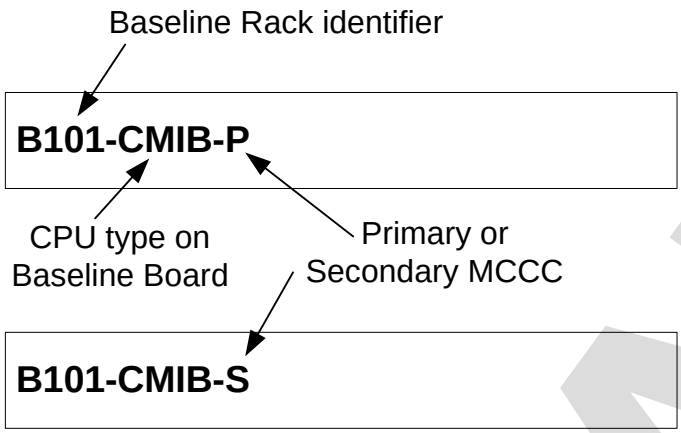
4.2 Baseline Rack to MCCC/Control Rack M&C Ethernet Cable Labels

Description:

These labels are for Ethernet copper cables (Cat 5e/6) running from the Baseline Rack Ethernet switch to Control Racks' switches. There is one primary (P) and secondary (S) cable to each primary and secondary Control Rack switch.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable; one cable running from the rack switch to the RJ-45 coupler outside the rack, and one from the RJ-45 coupler to the Control Rack's switch.

Quantity for the system:

Qty=2 label sets.

There is 1 sheet in each set.

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B101-CMIB-P	**B101-CMIB-P**
B101-CMIB-S	**B101-CMIB-S**
B102-CMIB-P	**B102-CMIB-P**
B102-CMIB-S	**B102-CMIB-S**
B103-CMIB-P	**B103-CMIB-P**
B103-CMIB-S	**B103-CMIB-S**
B104-CMIB-P	**B104-CMIB-P**
B104-CMIB-S	**B104-CMIB-S**
B105-CMIB-P	**B105-CMIB-P**
B105-CMIB-S	**B105-CMIB-S**
B106-CMIB-P	**B106-CMIB-P**
B106-CMIB-S	**B106-CMIB-S**
B107-CMIB-P	**B107-CMIB-P**
B107-CMIB-S	**B107-CMIB-S**
B108-CMIB-P	**B108-CMIB-P**
B108-CMIB-S	**B108-CMIB-S**

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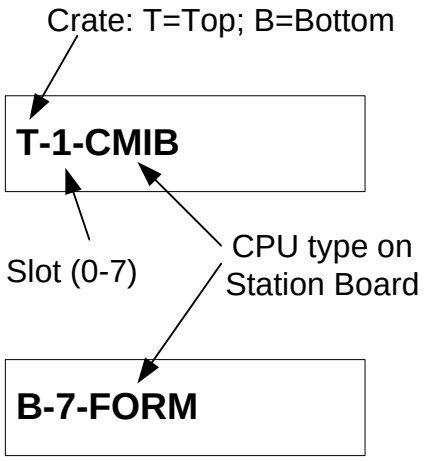
4.3 Internal Station Rack M&C Ethernet Cable Labels

Description:

These labels are for Ethernet copper cables (Cat 5e/6) that are internal to each Station Rack. There are two cables running between each Station Board and the CMIB and FORM switches, labeled as appropriate.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable.

Quantity for the system:

Qty=8 label sets.

1 label sheet required for each Station Rack. There is 1 sheet in each set.

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T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
T-0-FORM	T-1-FORM	T-2-FORM	T-3-FORM
T-0-FORM	T-1-FORM	T-2-FORM	T-3-FORM
T-4-FORM	T-5-FORM	T-6-FORM	T-7-FORM
T-4-FORM	T-5-FORM	T-6-FORM	T-7-FORM

B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB
B-0-FORM	B-1-FORM	B-2-FORM	B-3-FORM
B-0-FORM	B-1-FORM	B-2-FORM	B-3-FORM
B-4-FORM	B-5-FORM	B-6-FORM	B-7-FORM
B-4-FORM	B-5-FORM	B-6-FORM	B-7-FORM

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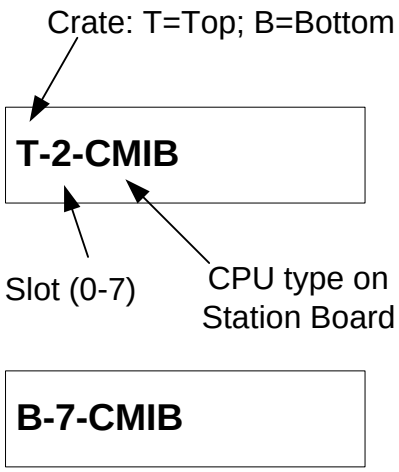
4.4 Internal Baseline Rack Ethernet Cable Labels

Description:

These labels are for Ethernet copper cables (Cat 5e/6) that are internal to each Baseline Rack. There is one cable running between each Baseline Board and the Ethernet switch.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable.

Quantity for the system:

Qty=4 label sets.

Each label sheet does 2 Baseline Racks. There is 1 sheet in each set.

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T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB
T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-0-CMIB	T-1-CMIB	T-2-CMIB	T-3-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
T-4-CMIB	T-5-CMIB	T-6-CMIB	T-7-CMIB
B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-0-CMIB	B-1-CMIB	B-2-CMIB	B-3-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB
B-4-CMIB	B-5-CMIB	B-6-CMIB	B-7-CMIB

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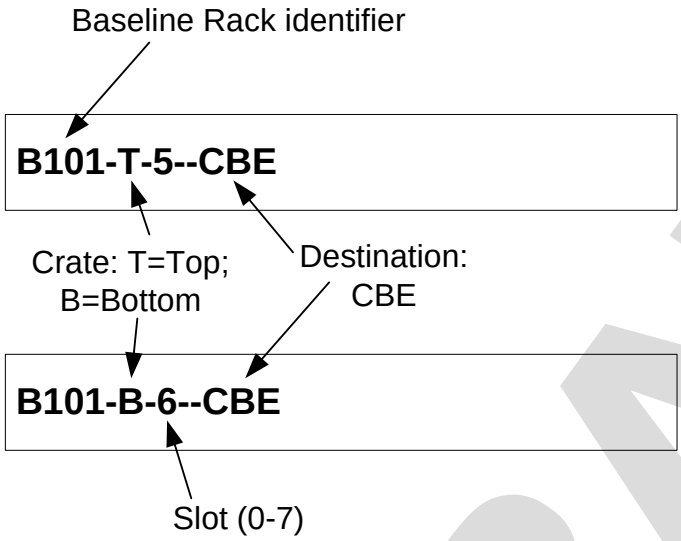
4.5 Baseline Rack to CBE Ethernet Cables

Description:

These labels are for Ethernet copper cables (Cat 5e/6) that route from each Baseline Board to the CBE switch(es). There is one cable connection between each Baseline Board and the CBE switch.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable. There are two cables for each connection, one for inside the rack to the exterior RJ-45 coupler, and one from the RJ-45 coupler to the CBE switch.

Quantity for the system:

Qty=2 label sets.

1 set for cables inside the racks, 1 set for cables from the racks to the CBE switch. There are 8 sheets in each set.

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B101-T-0--CBE	B101-T-0--CBE
B101-T-1--CBE	B101-T-1--CBE
B101-T-2--CBE	B101-T-2--CBE
B101-T-3--CBE	B101-T-3--CBE
B101-T-4--CBE	B101-T-4--CBE
B101-T-5--CBE	B101-T-5--CBE
B101-T-6--CBE	B101-T-6--CBE
B101-T-7--CBE	B101-T-7--CBE

B101-B-0--CBE	B101-B-0--CBE
B101-B-1--CBE	B101-B-1--CBE
B101-B-2--CBE	B101-B-2--CBE
B101-B-3--CBE	B101-B-3--CBE
B101-B-4--CBE	B101-B-4--CBE
B101-B-5--CBE	B101-B-5--CBE
B101-B-6--CBE	B101-B-6--CBE
B101-B-7--CBE	B101-B-7--CBE

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B102-T-0--CBE	**B102-T-0--CBE**
B102-T-1--CBE	**B102-T-1--CBE**
B102-T-2--CBE	**B102-T-2--CBE**
B102-T-3--CBE	**B102-T-3--CBE**
B102-T-4--CBE	**B102-T-4--CBE**
B102-T-5--CBE	**B102-T-5--CBE**
B102-T-6--CBE	**B102-T-6--CBE**
B102-T-7--CBE	**B102-T-7--CBE**

B102-B-0--CBE	**B102-B-0--CBE**
B102-B-1--CBE	**B102-B-1--CBE**
B102-B-2--CBE	**B102-B-2--CBE**
B102-B-3--CBE	**B102-B-3--CBE**
B102-B-4--CBE	**B102-B-4--CBE**
B102-B-5--CBE	**B102-B-5--CBE**
B102-B-6--CBE	**B102-B-6--CBE**
B102-B-7--CBE	**B102-B-7--CBE**

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B103-T-0--CBE	B103-T-0--CBE
B103-T-1--CBE	B103-T-1--CBE
B103-T-2--CBE	B103-T-2--CBE
B103-T-3--CBE	B103-T-3--CBE
B103-T-4--CBE	B103-T-4--CBE
B103-T-5--CBE	B103-T-5--CBE
B103-T-6--CBE	B103-T-6--CBE
B103-T-7--CBE	B103-T-7--CBE

B103-B-0--CBE	B103-B-0--CBE
B103-B-1--CBE	B103-B-1--CBE
B103-B-2--CBE	B103-B-2--CBE
B103-B-3--CBE	B103-B-3--CBE
B103-B-4--CBE	B103-B-4--CBE
B103-B-5--CBE	B103-B-5--CBE
B103-B-6--CBE	B103-B-6--CBE
B103-B-7--CBE	B103-B-7--CBE

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B104-T-0--CBE	**B104-T-0--CBE**
B104-T-1--CBE	**B104-T-1--CBE**
B104-T-2--CBE	**B104-T-2--CBE**
B104-T-3--CBE	**B104-T-3--CBE**
B104-T-4--CBE	**B104-T-4--CBE**
B104-T-5--CBE	**B104-T-5--CBE**
B104-T-6--CBE	**B104-T-6--CBE**
B104-T-7--CBE	**B104-T-7--CBE**

B104-B-0--CBE	**B104-B-0--CBE**
B104-B-1--CBE	**B104-B-1--CBE**
B104-B-2--CBE	**B104-B-2--CBE**
B104-B-3--CBE	**B104-B-3--CBE**
B104-B-4--CBE	**B104-B-4--CBE**
B104-B-5--CBE	**B104-B-5--CBE**
B104-B-6--CBE	**B104-B-6--CBE**
B104-B-7--CBE	**B104-B-7--CBE**

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B105-T-0--CBE	B105-T-0--CBE
B105-T-1--CBE	B105-T-1--CBE
B105-T-2--CBE	B105-T-2--CBE
B105-T-3--CBE	B105-T-3--CBE
B105-T-4--CBE	B105-T-4--CBE
B105-T-5--CBE	B105-T-5--CBE
B105-T-6--CBE	B105-T-6--CBE
B105-T-7--CBE	B105-T-7--CBE

B105-B-0--CBE	B105-B-0--CBE
B105-B-1--CBE	B105-B-1--CBE
B105-B-2--CBE	B105-B-2--CBE
B105-B-3--CBE	B105-B-3--CBE
B105-B-4--CBE	B105-B-4--CBE
B105-B-5--CBE	B105-B-5--CBE
B105-B-6--CBE	B105-B-6--CBE
B105-B-7--CBE	B105-B-7--CBE

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B106-T-0--CBE	**B106-T-0--CBE**
B106-T-1--CBE	**B106-T-1--CBE**
B106-T-2--CBE	**B106-T-2--CBE**
B106-T-3--CBE	**B106-T-3--CBE**
B106-T-4--CBE	**B106-T-4--CBE**
B106-T-5--CBE	**B106-T-5--CBE**
B106-T-6--CBE	**B106-T-6--CBE**
B106-T-7--CBE	**B106-T-7--CBE**

B106-B-0--CBE	**B106-B-0--CBE**
B106-B-1--CBE	**B106-B-1--CBE**
B106-B-2--CBE	**B106-B-2--CBE**
B106-B-3--CBE	**B106-B-3--CBE**
B106-B-4--CBE	**B106-B-4--CBE**
B106-B-5--CBE	**B106-B-5--CBE**
B106-B-6--CBE	**B106-B-6--CBE**
B106-B-7--CBE	**B106-B-7--CBE**

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B107-T-0--CBE	B107-T-0--CBE
B107-T-1--CBE	B107-T-1--CBE
B107-T-2--CBE	B107-T-2--CBE
B107-T-3--CBE	B107-T-3--CBE
B107-T-4--CBE	B107-T-4--CBE
B107-T-5--CBE	B107-T-5--CBE
B107-T-6--CBE	B107-T-6--CBE
B107-T-7--CBE	B107-T-7--CBE

B107-B-0--CBE	B107-B-0--CBE
B107-B-1--CBE	B107-B-1--CBE
B107-B-2--CBE	B107-B-2--CBE
B107-B-3--CBE	B107-B-3--CBE
B107-B-4--CBE	B107-B-4--CBE
B107-B-5--CBE	B107-B-5--CBE
B107-B-6--CBE	B107-B-6--CBE
B107-B-7--CBE	B107-B-7--CBE

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B108-T-0--CBE	**B108-T-0--CBE**
B108-T-1--CBE	**B108-T-1--CBE**
B108-T-2--CBE	**B108-T-2--CBE**
B108-T-3--CBE	**B108-T-3--CBE**
B108-T-4--CBE	**B108-T-4--CBE**
B108-T-5--CBE	**B108-T-5--CBE**
B108-T-6--CBE	**B108-T-6--CBE**
B108-T-7--CBE	**B108-T-7--CBE**

B108-B-0--CBE	**B108-B-0--CBE**
B108-B-1--CBE	**B108-B-1--CBE**
B108-B-2--CBE	**B108-B-2--CBE**
B108-B-3--CBE	**B108-B-3--CBE**
B108-B-4--CBE	**B108-B-4--CBE**
B108-B-5--CBE	**B108-B-5--CBE**
B108-B-6--CBE	**B108-B-6--CBE**
B108-B-7--CBE	**B108-B-7--CBE**

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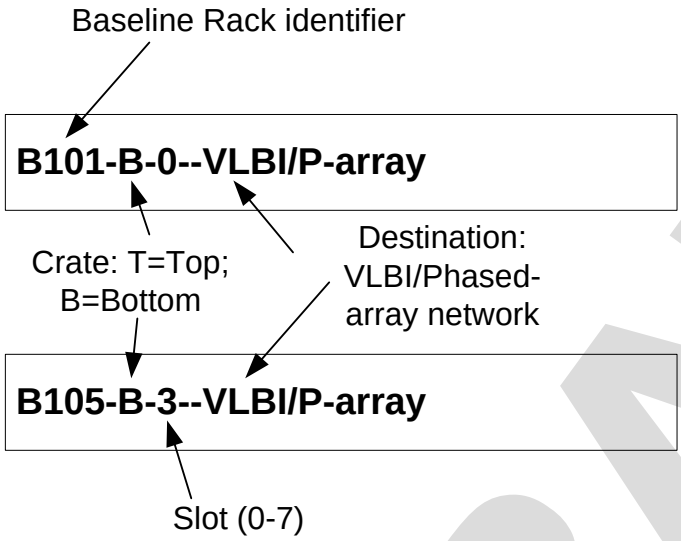
4.6 Baseline Rack to VLBI/Phased-Array Network Ethernet Cables

Description:

These labels are for Ethernet copper cables (Cat 5e/6) that route from each Baseline Board to the VLBI/Phased-Array Network switch(es). There is one cable connection between each Baseline Board and the switch(es).

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable. There are two cables for each connection, one for inside the rack to the exterior RJ-45 coupler, and one from the RJ-45 coupler to the VLBI/Phased-array network switches.

Quantity for the system:

Qty=2 label sets.

1 set for cables inside the racks, 1 set for cables from the racks to the CBE switch. There are 8 sheets in each set.

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B101-T-0–VLBI/P-array	B101-T-0–VLBI/P-array
B101-T-1–VLBI/P-array	B101-T-1–VLBI/P-array
B101-T-2--VLBI/P-array	B101-T-2--VLBI/P-array
B101-T-3--VLBI/P-array	B101-T-3--VLBI/P-array
B101-T-4--VLBI/P-array	B101-T-4--VLBI/P-array
B101-T-5--VLBI/P-array	B101-T-5--VLBI/P-array
B101-T-6--VLBI/P-array	B101-T-6--VLBI/P-array
B101-T-7--VLBI/P-array	B101-T-7--VLBI/P-array

B101-B-0--VLBI/P-array	B101-B-0--VLBI/P-array
B101-B-1--VLBI/P-array	B101-B-1--VLBI/P-array
B101-B-2--VLBI/P-array	B101-B-2--VLBI/P-array
B101-B-3--VLBI/P-array	B101-B-3--VLBI/P-array
B101-B-4--VLBI/P-array	B101-B-4--VLBI/P-array
B101-B-5--VLBI/P-array	B101-B-5--VLBI/P-array
B101-B-6--VLBI/P-array	B101-B-6--VLBI/P-array
B101-B-7--VLBI/P-array	B101-B-7--VLBI/P-array

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B102-T-0–VLBI/P-array	**B102-T-0–VLBI/P-array**
B102-T-1–VLBI/P-array	**B102-T-1–VLBI/P-array**
B102-T-2--VLBI/P-array	**B102-T-2--VLBI/P-array**
B102-T-3--VLBI/P-array	**B102-T-3--VLBI/P-array**
B102-T-4--VLBI/P-array	**B102-T-4--VLBI/P-array**
B102-T-5--VLBI/P-array	**B102-T-5--VLBI/P-array**
B102-T-6--VLBI/P-array	**B102-T-6--VLBI/P-array**
B102-T-7--VLBI/P-array	**B102-T-7--VLBI/P-array**

B102-B-0--VLBI/P-array	**B102-B-0--VLBI/P-array**
B102-B-1--VLBI/P-array	**B102-B-1--VLBI/P-array**
B102-B-2--VLBI/P-array	**B102-B-2--VLBI/P-array**
B102-B-3--VLBI/P-array	**B102-B-3--VLBI/P-array**
B102-B-4--VLBI/P-array	**B102-B-4--VLBI/P-array**
B102-B-5--VLBI/P-array	**B102-B-5--VLBI/P-array**
B102-B-6--VLBI/P-array	**B102-B-6--VLBI/P-array**
B102-B-7--VLBI/P-array	**B102-B-7--VLBI/P-array**

DRAFT

B103-T-0–VLBI/P-array	**B103-T-0–VLBI/P-array**
B103-T-1–VLBI/P-array	**B103-T-1–VLBI/P-array**
B103-T-2--VLBI/P-array	**B103-T-2--VLBI/P-array**
B103-T-3--VLBI/P-array	**B103-T-3--VLBI/P-array**
B103-T-4--VLBI/P-array	**B103-T-4--VLBI/P-array**
B103-T-5--VLBI/P-array	**B103-T-5--VLBI/P-array**
B103-T-6--VLBI/P-array	**B103-T-6--VLBI/P-array**
B103-T-7--VLBI/P-array	**B103-T-7--VLBI/P-array**

B103-B-0--VLBI/P-array	**B103-B-0--VLBI/P-array**
B103-B-1--VLBI/P-array	**B103-B-1--VLBI/P-array**
B103-B-2--VLBI/P-array	**B103-B-2--VLBI/P-array**
B103-B-3--VLBI/P-array	**B103-B-3--VLBI/P-array**
B103-B-4--VLBI/P-array	**B103-B-4--VLBI/P-array**
B103-B-5--VLBI/P-array	**B103-B-5--VLBI/P-array**
B103-B-6--VLBI/P-array	**B103-B-6--VLBI/P-array**
B103-B-7--VLBI/P-array	**B103-B-7--VLBI/P-array**

DRAFT

B104-T-0–VLBI/P-array	**B104-T-0–VLBI/P-array**
B104-T-1–VLBI/P-array	**B104-T-1–VLBI/P-array**
B104-T-2--VLBI/P-array	**B104-T-2--VLBI/P-array**
B104-T-3--VLBI/P-array	**B104-T-3--VLBI/P-array**
B104-T-4--VLBI/P-array	**B104-T-4--VLBI/P-array**
B104-T-5--VLBI/P-array	**B104-T-5--VLBI/P-array**
B104-T-6--VLBI/P-array	**B104-T-6--VLBI/P-array**
B104-T-7--VLBI/P-array	**B104-T-7--VLBI/P-array**

B104-B-0--VLBI/P-array	**B104-B-0--VLBI/P-array**
B104-B-1--VLBI/P-array	**B104-B-1--VLBI/P-array**
B104-B-2--VLBI/P-array	**B104-B-2--VLBI/P-array**
B104-B-3--VLBI/P-array	**B104-B-3--VLBI/P-array**
B104-B-4--VLBI/P-array	**B104-B-4--VLBI/P-array**
B104-B-5--VLBI/P-array	**B104-B-5--VLBI/P-array**
B104-B-6--VLBI/P-array	**B104-B-6--VLBI/P-array**
B104-B-7--VLBI/P-array	**B104-B-7--VLBI/P-array**

DRAFT

B105-T-0–VLBI/P-array	**B105-T-0–VLBI/P-array**
B105-T-1–VLBI/P-array	**B105-T-1–VLBI/P-array**
B105-T-2--VLBI/P-array	**B105-T-2--VLBI/P-array**
B105-T-3--VLBI/P-array	**B105-T-3--VLBI/P-array**
B105-T-4--VLBI/P-array	**B105-T-4--VLBI/P-array**
B105-T-5--VLBI/P-array	**B105-T-5--VLBI/P-array**
B105-T-6--VLBI/P-array	**B105-T-6--VLBI/P-array**
B105-T-7--VLBI/P-array	**B105-T-7--VLBI/P-array**

B105-B-0--VLBI/P-array	**B105-B-0--VLBI/P-array**
B105-B-1--VLBI/P-array	**B105-B-1--VLBI/P-array**
B105-B-2--VLBI/P-array	**B105-B-2--VLBI/P-array**
B105-B-3--VLBI/P-array	**B105-B-3--VLBI/P-array**
B105-B-4--VLBI/P-array	**B105-B-4--VLBI/P-array**
B105-B-5--VLBI/P-array	**B105-B-5--VLBI/P-array**
B105-B-6--VLBI/P-array	**B105-B-6--VLBI/P-array**
B105-B-7--VLBI/P-array	**B105-B-7--VLBI/P-array**

DRAFT

B106-T-0–VLBI/P-array	**B106-T-0–VLBI/P-array**
B106-T-1–VLBI/P-array	**B106-T-1–VLBI/P-array**
B106-T-2--VLBI/P-array	**B106-T-2--VLBI/P-array**
B106-T-3--VLBI/P-array	**B106-T-3--VLBI/P-array**
B106-T-4--VLBI/P-array	**B106-T-4--VLBI/P-array**
B106-T-5--VLBI/P-array	**B106-T-5--VLBI/P-array**
B106-T-6--VLBI/P-array	**B106-T-6--VLBI/P-array**
B106-T-7--VLBI/P-array	**B106-T-7--VLBI/P-array**

B106-B-0--VLBI/P-array	**B106-B-0--VLBI/P-array**
B106-B-1--VLBI/P-array	**B106-B-1--VLBI/P-array**
B106-B-2--VLBI/P-array	**B106-B-2--VLBI/P-array**
B106-B-3--VLBI/P-array	**B106-B-3--VLBI/P-array**
B106-B-4--VLBI/P-array	**B106-B-4--VLBI/P-array**
B106-B-5--VLBI/P-array	**B106-B-5--VLBI/P-array**
B106-B-6--VLBI/P-array	**B106-B-6--VLBI/P-array**
B106-B-7--VLBI/P-array	**B106-B-7--VLBI/P-array**

DRAFT

B107-T-0–VLBI/P-array	**B107-T-0–VLBI/P-array**
B107-T-1–VLBI/P-array	**B107-T-1–VLBI/P-array**
B107-T-2--VLBI/P-array	**B107-T-2--VLBI/P-array**
B107-T-3--VLBI/P-array	**B107-T-3--VLBI/P-array**
B107-T-4--VLBI/P-array	**B107-T-4--VLBI/P-array**
B107-T-5--VLBI/P-array	**B107-T-5--VLBI/P-array**
B107-T-6--VLBI/P-array	**B107-T-6--VLBI/P-array**
B107-T-7--VLBI/P-array	**B107-T-7--VLBI/P-array**

B107-B-0--VLBI/P-array	**B107-B-0--VLBI/P-array**
B107-B-1--VLBI/P-array	**B107-B-1--VLBI/P-array**
B107-B-2--VLBI/P-array	**B107-B-2--VLBI/P-array**
B107-B-3--VLBI/P-array	**B107-B-3--VLBI/P-array**
B107-B-4--VLBI/P-array	**B107-B-4--VLBI/P-array**
B107-B-5--VLBI/P-array	**B107-B-5--VLBI/P-array**
B107-B-6--VLBI/P-array	**B107-B-6--VLBI/P-array**
B107-B-7--VLBI/P-array	**B107-B-7--VLBI/P-array**

DRAFT

B108-T-0–VLBI/P-array	**B108-T-0–VLBI/P-array**
B108-T-1–VLBI/P-array	**B108-T-1–VLBI/P-array**
B108-T-2--VLBI/P-array	**B108-T-2--VLBI/P-array**
B108-T-3--VLBI/P-array	**B108-T-3--VLBI/P-array**
B108-T-4--VLBI/P-array	**B108-T-4--VLBI/P-array**
B108-T-5--VLBI/P-array	**B108-T-5--VLBI/P-array**
B108-T-6--VLBI/P-array	**B108-T-6--VLBI/P-array**
B108-T-7--VLBI/P-array	**B108-T-7--VLBI/P-array**

B108-B-0--VLBI/P-array	**B108-B-0--VLBI/P-array**
B108-B-1--VLBI/P-array	**B108-B-1--VLBI/P-array**
B108-B-2--VLBI/P-array	**B108-B-2--VLBI/P-array**
B108-B-3--VLBI/P-array	**B108-B-3--VLBI/P-array**
B108-B-4--VLBI/P-array	**B108-B-4--VLBI/P-array**
B108-B-5--VLBI/P-array	**B108-B-5--VLBI/P-array**
B108-B-6--VLBI/P-array	**B108-B-6--VLBI/P-array**
B108-B-7--VLBI/P-array	**B108-B-7--VLBI/P-array**

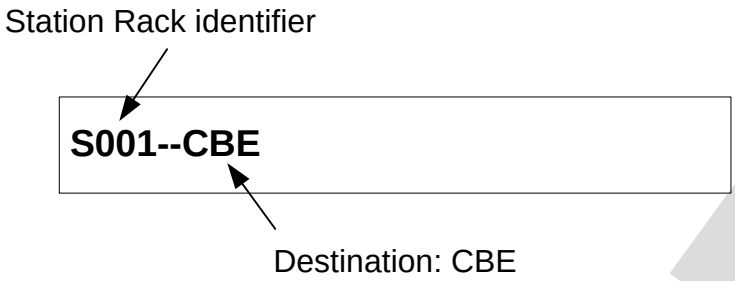
DRAFT

4.7 Station Rack to CBE Ethernet Cables

Description:

These labels are for Ethernet copper cables (Cat 5e/6) that route from each Station Rack to the CBE network switch. There is one cable connection between each Station Rack and the CBE switch.

Nomenclature:



Application:

Apply one label to each end of each Cat5e/6 Ethernet cable. There are two cables for each connection, one for inside the rack to the exterior RJ-45 coupler, and one from the RJ-45 coupler to the CBE network switch.

Quantity for the system:

Qty=1 label sets.

There is 1 sheet in a set.

DRAFT

S001--CBE	S001--CBE
S002--CBE	S002--CBE
S003--CBE	S003--CBE
S004--CBE	S004--CBE
S005--CBE	S005--CBE
S006--CBE	S006--CBE
S007--CBE	S007--CBE
S008--CBE	S008--CBE
S001--CBE	S001--CBE
S002--CBE	S002--CBE
S003--CBE	S003--CBE
S004--CBE	S004--CBE
S005--CBE	S005--CBE
S006--CBE	S006--CBE
S007--CBE	S007--CBE
S008--CBE	S008--CBE

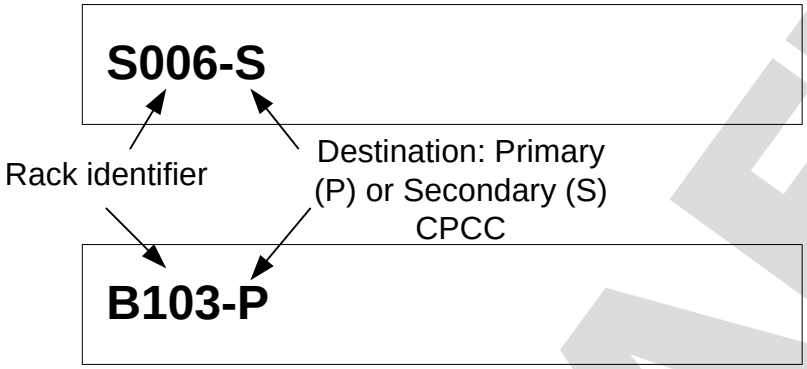
DRAFT

4.8 CPCC to RPMIB Centronics Cable Labels

Description:

These labels are for the 100-pin Centronics cables running between the CPCC NI6509 cards and the RPMIBs in the racks. One set of labels is required. Note that for reliability, cables are contiguous from the CPCC NI6509 cards to the RPMIB connectors.

Nomenclature:



Application:

Apply one label to each end of each cable. There are 2 cables for each rack. Label application could be done at the site or beforehand. Cables are custom built for required length.

Quantity for the system:

Qty=1 label set.

1 sheet for the Station Racks, one sheet for the Baseline Racks. There are 2 sheets in each set.

DRAFT

S001-P	**S001-S**
S001-P	**S001-S**
S002-P	**S002-S**
S002-P	**S002-S**
S003-P	**S003-S**
S003-P	**S003-S**
S004-P	**S004-S**
S004-P	**S004-S**
S005-P	**S005-S**
S005-P	**S005-S**
S006-P	**S006-S**
S006-P	**S006-S**
S007-P	**S007-S**
S007-P	**S007-S**
S008-P	**S008-S**
S008-P	**S008-S**

DRAFT

B101-P	**B101-S**
B101-P	**B101-S**
B102-P	**B102-S**
B102-P	**B102-S**
B103-P	**B103-S**
B103-P	**B103-S**
B104-P	**B104-S**
B104-P	**B104-S**
B105-P	**B105-S**
B105-P	**B105-S**
B106-P	**B106-S**
B106-P	**B106-S**
B107-P	**B107-S**
B107-P	**B107-S**
B108-P	**B108-S**
B108-P	**B108-S**

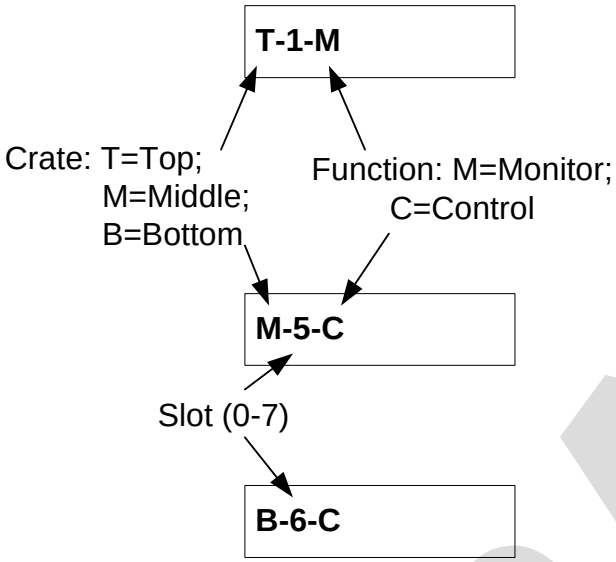
DRAFT

4.9 Rack Power M&C Wire Labels

Description:

These are labels attached to the single-wire Monitor and single-wire Control lines running between the RPMIB and the backplanes.

Nomenclature:



Application:

Apply one label to the end of the wire terminating at the RPMIB. The location of the other end of the wire is self-evident and is **NOT** labeled.

Quantity for the system:

Qty=6 label sets.

Each sheet is enough for 3 racks, and so 6 sheets are required for the entire system (including eMERLIN).

DRAFT

T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C

T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C

T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-0-M	T-0-C	T-1-M	T-1-C	T-2-M	T-2-C	T-3-M	T-3-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
T-4-M	T-4-C	T-5-M	T-5-C	T-6-M	T-6-C	T-7-M	T-7-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-0-M	M-0-C	M-1-M	M-1-C	M-2-M	M-2-C	M-3-M	M-3-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
M-4-M	M-4-C	M-5-M	M-5-C	M-6-M	M-6-C	M-7-M	M-7-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-0-M	B-0-C	B-1-M	B-1-C	B-2-M	B-2-C	B-3-M	B-3-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C
B-4-M	B-4-C	B-5-M	B-5-C	B-6-M	B-6-C	B-7-M	B-7-C

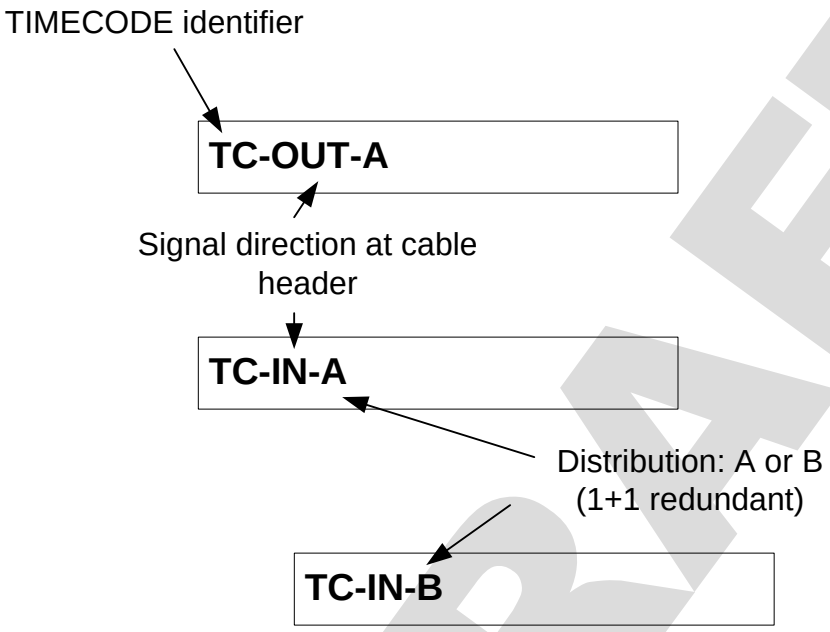
DRAFT

4.10 TIMECODE Cable Labels

Description:

These are labels attached to both ends of the single-wafer Meritec cables running between racks, between X-bar boards and Station Boards, and between Station Boards.

Nomenclature:



Application:

Apply one label near the cable header at each end of the cable. If the header plugs into an OUTPUT, apply the "OUT" label. If the header plugs into an INPUT, apply the "IN" label. There are 2 separate and redundant TIMECODE "Distribution" networks, "A" and "B", apply the A and B labels consistently throughout.

Quantity for the system:

Qty=4 label sets.

There are 2 sheets in each label set.

DRAFT

TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-OUT-A	TC-OUT-A	TC-OUT-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A
TC-IN-A	TC-IN-A	TC-IN-A

DRAFT

TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-OUT-B	TC-OUT-B	TC-OUT-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B
TC-IN-B	TC-IN-B	TC-IN-B

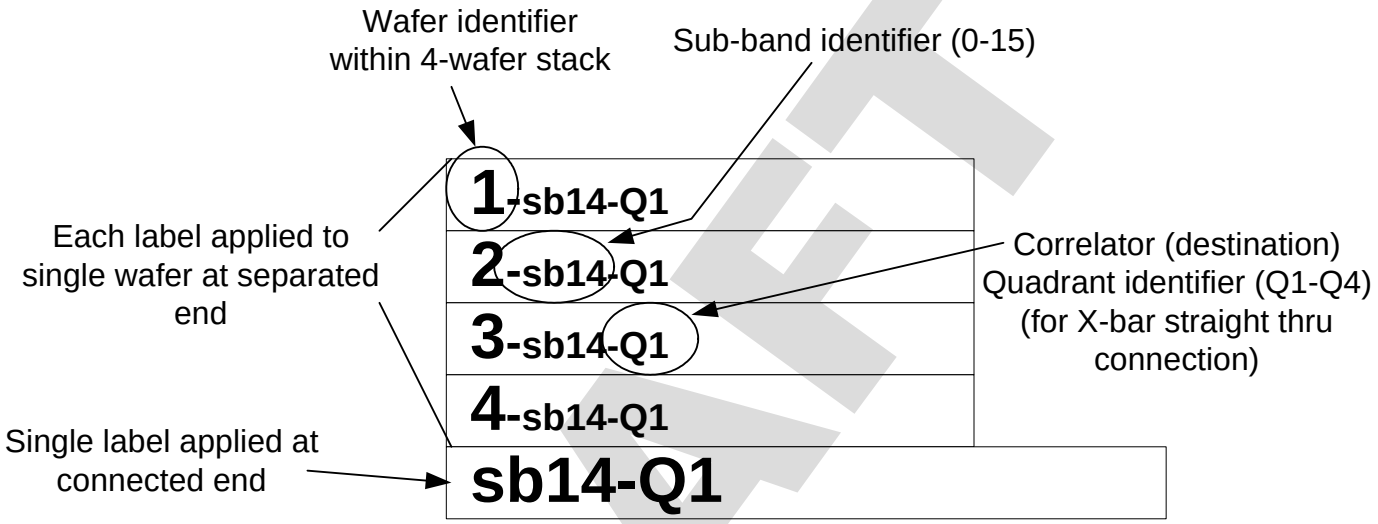
DRAFT

4.11 Station Rack 1 m Meritec Cable Labels

Description:

These are labels attached to the 1 m, 4-wafer, Meritec cables running between Station Boards and X-bar boards in Station Racks.

Nomenclature:



Application:

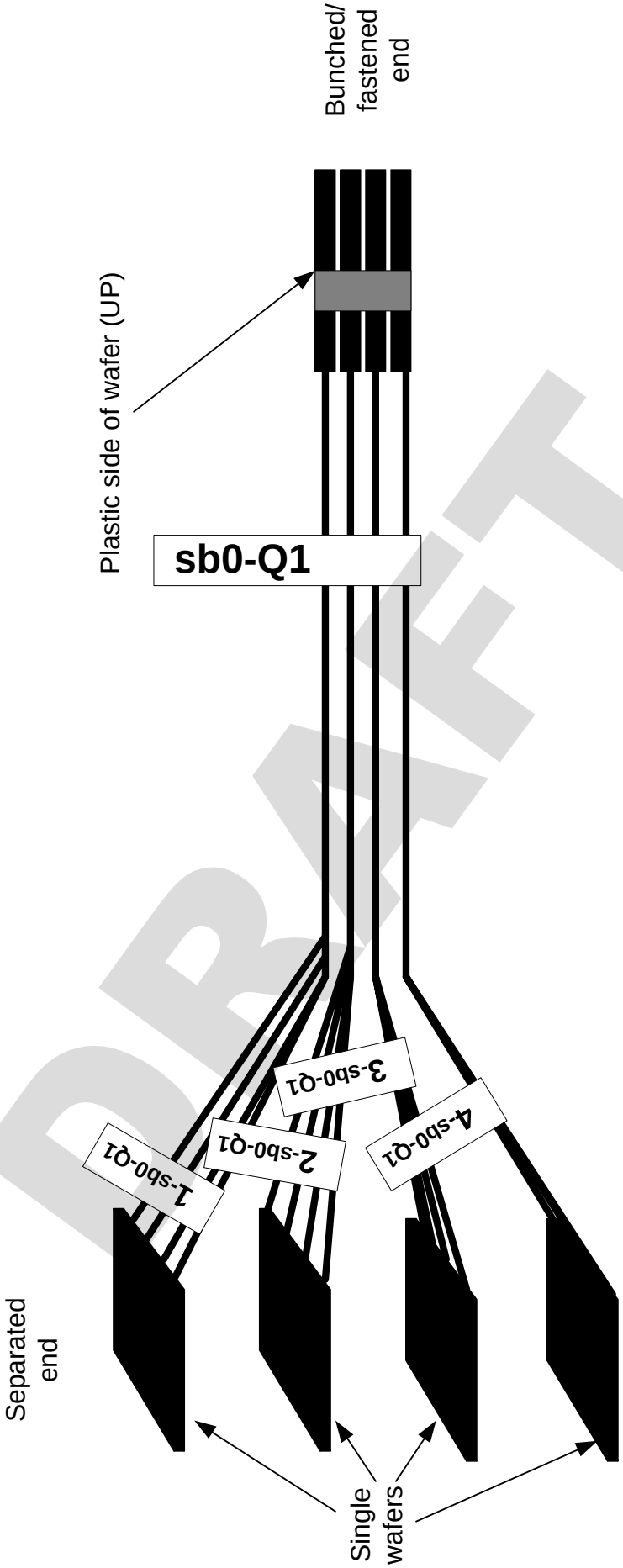
Apply labels to each single wafer and the connected "bunch" of 4 wafers at the other end. Refer to the diagram on the next page. A cable installation plan is provided separately.

Quantity for the system:

Qty=8 label sets.

There are 8 sheets in each label set. 1 set of labels (8 sheets) is required for *each* station rack, and so 8 sets of sheets (64 pages in total) are required. Each block of 5 labels on a sheet is for one cable. Cables for each rack are labeled identically.

DRAFT



DRAFT

Meritec 1 m cable label detail.

1-sb0-Q1	1-sb0-Q2
2-sb0-Q1	2-sb0-Q2
3-sb0-Q1	3-sb0-Q2
4-sb0-Q1	4-sb0-Q2
sb0-Q1	**sb0-Q2**

1-sb0-Q3	1-sb0-Q4
2-sb0-Q3	2-sb0-Q4
3-sb0-Q3	3-sb0-Q4
4-sb0-Q3	4-sb0-Q4
sb0-Q3	**sb0-Q4**

1-sb1-Q1	1-sb1-Q2
2-sb1-Q1	2-sb1-Q2
3-sb1-Q1	3-sb1-Q2
4-sb1-Q1	4-sb1-Q2
sb1-Q1	**sb1-Q2**

1-sb1-Q3	1-sb1-Q4
2-sb1-Q3	2-sb1-Q4
3-sb1-Q3	3-sb1-Q4
4-sb1-Q3	4-sb1-Q4
sb1-Q3	**sb1-Q4**

DRAFT

1-sb2-Q1	1-sb2-Q2
2-sb2-Q1	2-sb2-Q2
3-sb2-Q1	3-sb2-Q2
4-sb2-Q1	4-sb2-Q2
sb2-Q1	sb2-Q2

1-sb2-Q3	1-sb2-Q4
2-sb2-Q3	2-sb2-Q4
3-sb2-Q3	3-sb2-Q4
4-sb2-Q3	4-sb2-Q4
sb2-Q3	sb2-Q4

1-sb3-Q1	1-sb3-Q2
2-sb3-Q1	2-sb3-Q2
3-sb3-Q1	3-sb3-Q2
4-sb3-Q1	4-sb3-Q2
sb3-Q1	sb3-Q2

1-sb3-Q3	1-sb3-Q4
2-sb3-Q3	2-sb3-Q4
3-sb3-Q3	3-sb3-Q4
4-sb3-Q3	4-sb3-Q4
sb3-Q3	sb3-Q4

DRAFT

1-sb4-Q1	1-sb4-Q2
2-sb4-Q1	2-sb4-Q2
3-sb4-Q1	3-sb4-Q2
4-sb4-Q1	4-sb4-Q2
sb4-Q1	**sb4-Q2**

1-sb4-Q3	1-sb4-Q4
2-sb4-Q3	2-sb4-Q4
3-sb4-Q3	3-sb4-Q4
4-sb4-Q3	4-sb4-Q4
sb4-Q3	**sb4-Q4**

1-sb5-Q1	1-sb5-Q2
2-sb5-Q1	2-sb5-Q2
3-sb5-Q1	3-sb5-Q2
4-sb5-Q1	4-sb5-Q2
sb5-Q1	**sb5-Q2**

1-sb5-Q3	1-sb5-Q4
2-sb5-Q3	2-sb5-Q4
3-sb5-Q3	3-sb5-Q4
4-sb5-Q3	4-sb5-Q4
sb5-Q3	**sb5-Q4**

DRAFT

1-sb6-Q1	1-sb6-Q2
2-sb6-Q1	2-sb6-Q2
3-sb6-Q1	3-sb6-Q2
4-sb6-Q1	4-sb6-Q2
sb6-Q1	**sb6-Q2**
1-sb6-Q3	1-sb6-Q4
2-sb6-Q3	2-sb6-Q4
3-sb6-Q3	3-sb6-Q4
4-sb6-Q3	4-sb6-Q4
sb6-Q3	**sb6-Q4**
1-sb7-Q1	1-sb7-Q2
2-sb7-Q1	2-sb7-Q2
3-sb7-Q1	3-sb7-Q2
4-sb7-Q1	4-sb7-Q2
sb7-Q1	**sb7-Q2**
1-sb7-Q3	1-sb7-Q4
2-sb7-Q3	2-sb7-Q4
3-sb7-Q3	3-sb7-Q4
4-sb7-Q3	4-sb7-Q4
sb7-Q3	**sb7-Q4**

DRAFT

1-sb8-Q1	1-sb8-Q2
2-sb8-Q1	2-sb8-Q2
3-sb8-Q1	3-sb8-Q2
4-sb8-Q1	4-sb8-Q2
sb8-Q1	sb8-Q2

1-sb8-Q3	1-sb8-Q4
2-sb8-Q3	2-sb8-Q4
3-sb8-Q3	3-sb8-Q4
4-sb8-Q3	4-sb8-Q4
sb8-Q3	sb8-Q4

1-sb9-Q1	1-sb9-Q2
2-sb9-Q1	2-sb9-Q2
3-sb9-Q1	3-sb9-Q2
4-sb9-Q1	4-sb9-Q2
sb9-Q1	sb9-Q2

1-sb9-Q3	1-sb9-Q4
2-sb9-Q3	2-sb9-Q4
3-sb9-Q3	3-sb9-Q4
4-sb9-Q3	4-sb9-Q4
sb9-Q3	sb9-Q4

DRAFT

1-sb10-Q1	1-sb10-Q2
2-sb10-Q1	2-sb10-Q2
3-sb10-Q1	3-sb10-Q2
4-sb10-Q1	4-sb10-Q2
sb10-Q1	sb10-Q2

1-sb10-Q3	1-sb10-Q4
2-sb10-Q3	2-sb10-Q4
3-sb10-Q3	3-sb10-Q4
4-sb10-Q3	4-sb10-Q4
sb10-Q3	sb10-Q4

1-sb11-Q1	1-sb11-Q2
2-sb11-Q1	2-sb11-Q2
3-sb11-Q1	3-sb11-Q2
4-sb11-Q1	4-sb11-Q2
sb11-Q1	sb11-Q2

1-sb11-Q3	1-sb11-Q4
2-sb11-Q3	2-sb11-Q4
3-sb11-Q3	3-sb11-Q4
4-sb11-Q3	4-sb11-Q4
sb11-Q3	sb11-Q4

DRAFT

1-sb12-Q1	1-sb12-Q2
2-sb12-Q1	2-sb12-Q2
3-sb12-Q1	3-sb12-Q2
4-sb12-Q1	4-sb12-Q2
sb12-Q1	sb12-Q2

1-sb12-Q3	1-sb12-Q4
2-sb12-Q3	2-sb12-Q4
3-sb12-Q3	3-sb12-Q4
4-sb12-Q3	4-sb12-Q4
sb12-Q3	sb12-Q4

1-sb13-Q1	1-sb13-Q2
2-sb13-Q1	2-sb13-Q2
3-sb13-Q1	3-sb13-Q2
4-sb13-Q1	4-sb13-Q2
sb13-Q1	sb13-Q2

1-sb13-Q3	1-sb13-Q4
2-sb13-Q3	2-sb13-Q4
3-sb13-Q3	3-sb13-Q4
4-sb13-Q3	4-sb13-Q4
sb13-Q3	sb13-Q4

DRAFT

1-sb14-Q1	1-sb14-Q2
2-sb14-Q1	2-sb14-Q2
3-sb14-Q1	3-sb14-Q2
4-sb14-Q1	4-sb14-Q2
sb14-Q1	**sb14-Q2**

1-sb14-Q3	1-sb14-Q4
2-sb14-Q3	2-sb14-Q4
3-sb14-Q3	3-sb14-Q4
4-sb14-Q3	4-sb14-Q4
sb14-Q3	**sb14-Q4**

1-sb15-Q1	1-sb15-Q2
2-sb15-Q1	2-sb15-Q2
3-sb15-Q1	3-sb15-Q2
4-sb15-Q1	4-sb15-Q2
sb15-Q1	**sb15-Q2**

1-sb15-Q3	1-sb15-Q4
2-sb15-Q3	2-sb15-Q4
3-sb15-Q3	3-sb15-Q4
4-sb15-Q3	4-sb15-Q4
sb15-Q3	**sb15-Q4**

DRAFT

4.12 Station Rack to Baseline Rack Long Meritec Cable Labels

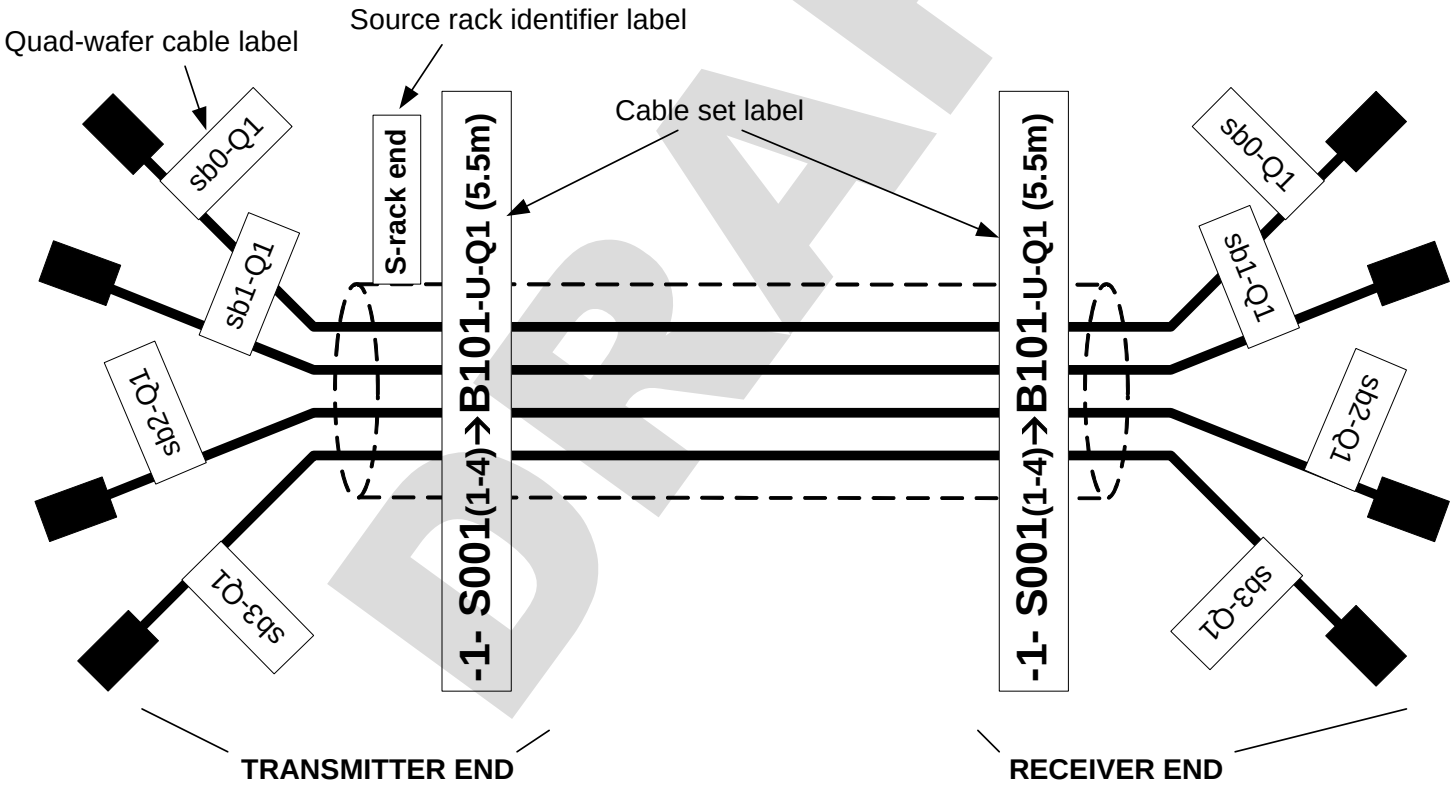
Description:

There are several labels involved for a complete "cable set". A cable set is comprised of 4 quad-wafer cables, bundled together with an outer sheath, identical in length sourcing from the same rack and terminating at the same rack. There are 128 "cable sets" in the EVLA. Each "cable set" has a unique set of labels and a diagram is provided for each one.

This section contains the labels and label diagrams for128 complete "cable sets". A cable installation plan is provided separately.

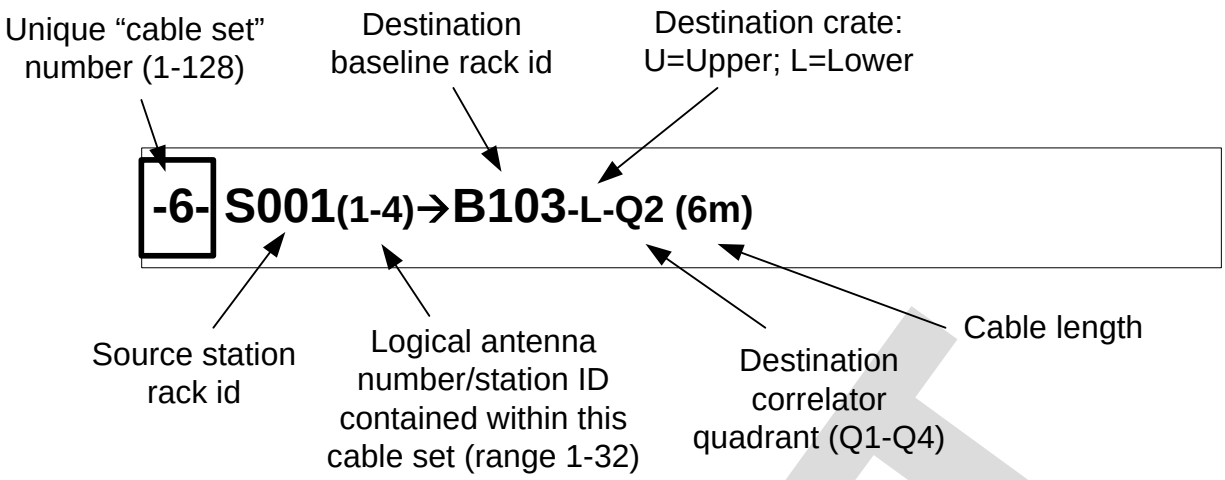
Nomenclature:

There are 3 different label types applied to the cable as shown below:

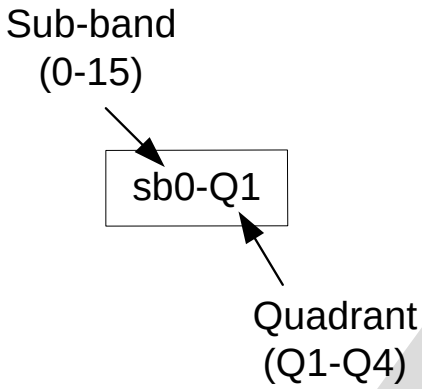


DRAFT

Cable set label:



Quad-wafer cable label:



Source rack identifier label:

This “S-rack end” label is the same for each cable set and is applied to indicate the end of the cable that sources at the station rack..

Application:

Apply labels as shown in the above figure. 32 sheets of figures are provided at the end of this section indicating precise label application for each of the 128 cable sets.

Quantity for the system:

As indicated in front of each sheet set as follows.

DRAFT

Quad wafer cable labels

8 sheet sets required.

4 sheets per set.

DRAFT

sb0-Q1	sb0-Q1
sb1-Q1	sb1-Q1
sb2-Q1	sb2-Q1
sb3-Q1	sb3-Q1
sb4-Q1	sb4-Q1
sb5-Q1	sb5-Q1
sb6-Q1	sb6-Q1
sb7-Q1	sb7-Q1
sb8-Q1	sb8-Q1
sb9-Q1	sb9-Q1
sb10-Q1	sb10-Q1
sb11-Q1	sb11-Q1
sb12-Q1	sb12-Q1
sb13-Q1	sb13-Q1
sb14-Q1	sb14-Q1
sb15-Q1	sb15-Q1

DRAFT

sb0-Q2	sb0-Q2
sb1-Q2	sb1-Q2
sb2-Q2	sb2-Q2
sb3-Q2	sb3-Q2
sb4-Q2	sb4-Q2
sb5-Q2	sb5-Q2
sb6-Q2	sb6-Q2
sb7-Q2	sb7-Q2
sb8-Q2	sb8-Q2
sb9-Q2	sb9-Q2
sb10-Q2	sb10-Q2
sb11-Q2	sb11-Q2
sb12-Q2	sb12-Q2
sb13-Q2	sb13-Q2
sb14-Q2	sb14-Q2
sb15-Q2	sb15-Q2

DRAFT

sb0-Q3	sb0-Q3
sb1-Q3	sb1-Q3
sb2-Q3	sb2-Q3
sb3-Q3	sb3-Q3
sb4-Q3	sb4-Q3
sb5-Q3	sb5-Q3
sb6-Q3	sb6-Q3
sb7-Q3	sb7-Q3
sb8-Q3	sb8-Q3
sb9-Q3	sb9-Q3
sb10-Q3	sb10-Q3
sb11-Q3	sb11-Q3
sb12-Q3	sb12-Q3
sb13-Q3	sb13-Q3
sb14-Q3	sb14-Q3
sb15-Q3	sb15-Q3

DRAFT

sb0-Q4	sb0-Q4
sb1-Q4	sb1-Q4
sb2-Q4	sb2-Q4
sb3-Q4	sb3-Q4
sb4-Q4	sb4-Q4
sb5-Q4	sb5-Q4
sb6-Q4	sb6-Q4
sb7-Q4	sb7-Q4
sb8-Q4	sb8-Q4
sb9-Q4	sb9-Q4
sb10-Q4	sb10-Q4
sb11-Q4	sb11-Q4
sb12-Q4	sb12-Q4
sb13-Q4	sb13-Q4
sb14-Q4	sb14-Q4
sb15-Q4	sb15-Q4

DRAFT

Source rack identifier label

8 sheet sets required.

1 sheet per set.

DRAFT

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

S-rack end

DRAFT

Cable set labels

1 sheet set required.

16 sheets per set.

DRAFT

-1- S001(1-4)→B101-U-Q1 (5.5m)

-1- S001(1-4)→B101-U-Q1 (5.5m)

-2- S001(1-4)→B101-L-Q1 (5m)

-2- S001(1-4)→B101-L-Q1 (5m)

-3- S001(1-4)→B102-U-Q1 (6m)

-3- S001(1-4)→B102-U-Q1 (6m)

-4- S001(1-4)→B102-L-Q1 (5.5m)

-4- S001(1-4)→B102-L-Q1 (5.5m)

-5- S001(1-4)→B103-U-Q2 (6.5m)

-5- S001(1-4)→B103-U-Q2 (6.5m)

-6- S001(1-4)→B103-L-Q2 (6m)

-6- S001(1-4)→B103-L-Q2 (6m)

-7- S001(1-4)→B104-U-Q2 (7m)

-7- S001(1-4)→B104-U-Q2 (7m)

-8- S001(1-4)→B104-L-Q2 (6.5m)

-8- S001(1-4)→B104-L-Q2 (6.5m)

DRAFT

-9- S001(1-4)→B105-U-Q3 (7m)

-9- S001(1-4)→B105-U-Q3 (7m)

-10- S001(1-4)→B105-L-Q3 (6.5m)

-10- S001(1-4)→B105-L-Q3 (6.5m)

-11- S001(1-4)→B106-U-Q3 (6.5m)

-11- S001(1-4)→B106-U-Q3 (6.5m)

-12- S001(1-4)→B106-L-Q3 (6m)

-12- S001(1-4)→B106-L-Q3 (6m)

-13- S001(1-4)→B107-U-Q4 (5m)

-13- S001(1-4)→B107-U-Q4 (5m)

-14- S001(1-4)→B107-L-Q4 (5m)

-14- S001(1-4)→B107-L-Q4 (5m)

-15- S001(1-4)→B108-U-Q4 (2m)

-15- S001(1-4)→B108-U-Q4 (2m)

-16- S001(1-4)→B108-L-Q4 (2m)

-16- S001(1-4)→B108-L-Q4 (2m)

DRAFT

-17- S002(5-8)→B101-U-Q1 (5.5m)

-17- S002(5-8)→B101-U-Q1 (5.5m)

-18- S002(5-8)→B101-L-Q1 (5m)

-18- S002(5-8)→B101-L-Q1 (5m)

-19- S002(5-8)→B102-U-Q1 (5.5m)

-19- S002(5-8)→B102-U-Q1 (5.5m)

-20- S002(5-8)→B102-L-Q1 (5m)

-20- S002(5-8)→B102-L-Q1 (5m)

-21- S002(5-8)→B103-U-Q2 (6m)

-21- S002(5-8)→B103-U-Q2 (6m)

-22- S002(5-8)→B103-L-Q2 (5.5m)

-22- S002(5-8)→B103-L-Q2 (5.5m)

-23- S002(5-8)→B104-U-Q2 (6m)

-23- S002(5-8)→B104-U-Q2 (6m)

-24- S002(5-8)→B104-L-Q2 (5.5m)

-24- S002(5-8)→B104-L-Q2 (5.5m)

DRAFT

-25- S002(5-8)→B105-U-Q3 (6.5m)

-25- S002(5-8)→B105-U-Q3 (6.5m)

-26- S002(5-8)→B105-L-Q3 (6m)

-26- S002(5-8)→B105-L-Q3 (6m)

-27- S002(5-8)→B106-U-Q3 (6.5m)

-27- S002(5-8)→B106-U-Q3 (6.5m)

-28- S002(5-8)→B106-L-Q3 (6m)

-28- S002(5-8)→B106-L-Q3 (6m)

-29- S002(5-8)→B107-U-Q4 (5.5m)

-29- S002(5-8)→B107-U-Q4 (5.5m)

-30- S002(5-8)→B107-L-Q4 (5m)

-30- S002(5-8)→B107-L-Q4 (5m)

-31- S002(5-8)→B108-U-Q4 (5m)

-31- S002(5-8)→B108-U-Q4 (5m)

-32- S002(5-8)→B108-L-Q4 (5m)

-32- S002(5-8)→B108-L-Q4 (5m)

DRAFT

-33- S003(9-12)→B101-U-Q1 (5.5m)

-33- S003(9-12)→B101-U-Q1 (5.5m)

-34- S003(9-12)→B101-L-Q1 (5m)

-34- S003(9-12)→B101-L-Q1 (5m)

-35- S003(9-12)→B102-U-Q1 (5.5m)

-35- S003(9-12)→B102-U-Q1 (5.5m)

-36- S003(9-12)→B102-L-Q1 (5m)

-36- S003(9-12)→B102-L-Q1 (5m)

-37- S003(9-12)→B103-U-Q2 (5m)

-37- S003(9-12)→B103-U-Q2 (5m)

-38- S003(9-12)→B103-L-Q2 (5m)

-38- S003(9-12)→B103-L-Q2 (5m)

-39- S003(9-12)→B104-U-Q2 (5.5m)

-39- S003(9-12)→B104-U-Q2 (5.5m)

-40- S003(9-12)→B104-L-Q2 (5m)

-40- S003(9-12)→B104-L-Q2 (5m)

DRAFT

-41- S003(9-12)→B105-U-Q3 (6.5m)

-41- S003(9-12)→B105-U-Q3 (6.5m)

-42- S003(9-12)→B105-L-Q3 (6m)

-42- S003(9-12)→B105-L-Q3 (6m)

-43- S003(9-12)→B106-U-Q3 (6.5m)

-43- S003(9-12)→B106-U-Q3 (6.5m)

-44- S003(9-12)→B106-L-Q3 (6m)

-44- S003(9-12)→B106-L-Q3 (6m)

-45- S003(9-12)→B107-U-Q4 (6m)

-45- S003(9-12)→B107-U-Q4 (6m)

-46- S003(9-12)→B107-L-Q4 (5.5m)

-46- S003(9-12)→B107-L-Q4 (5.5m)

-47- S003(9-12)→B108-U-Q4 (6m)

-47- S003(9-12)→B108-U-Q4 (6m)

-48- S003(9-12)→B108-L-Q4 (5.5m)

-48- S003(9-12)→B108-L-Q4 (5.5m)

DRAFT

-49- S004(13-16)→B101-U-Q1 (6m)

-49- S004(13-16)→B101-U-Q1 (6m)

-50- S004(13-16)→B101-L-Q1 (5.5m)

-50- S004(13-16)→B101-L-Q1 (5.5m)

-51- S004(13-16)→B102-U-Q1 (5.5m)

-51- S004(13-16)→B102-U-Q1 (5.5m)

-52- S004(13-16)→B102-L-Q1 (5m)

-52- S004(13-16)→B102-L-Q1 (5m)

-53- S004(13-16)→B103-U-Q2 (2m)

-53- S004(13-16)→B103-U-Q2 (2m)

-54- S004(13-16)→B103-L-Q2 (2m)

-54- S004(13-16)→B103-L-Q2 (2m)

-55- S004(13-16)→B104-U-Q2 (5m)

-55- S004(13-16)→B104-U-Q2 (5m)

-56- S004(13-16)→B104-L-Q2 (5m)

-56- S004(13-16)→B104-L-Q2 (5m)

DRAFT

-57- S004(13-16)→B105-U-Q3 (6.5m)

-57- S004(13-16)→B105-U-Q3 (6.5m)

-58- S004(13-16)→B105-L-Q3 (6m)

-58- S004(13-16)→B105-L-Q3 (6m)

-59- S004(13-16)→B106-U-Q3 (7m)

-59- S004(13-16)→B106-U-Q3 (7m)

-60- S004(13-16)→B106-L-Q3 (6.5m)

-60- S004(13-16)→B106-L-Q3 (6.5m)

-61- S004(13-16)→B107-U-Q4 (7m)

-61- S004(13-16)→B107-U-Q4 (7m)

-62- S004(13-16)→B107-L-Q4 (6.5m)

-62- S004(13-16)→B107-L-Q4 (6.5m)

-63- S004(13-16)→B108-U-Q4 (6.5m)

-63- S004(13-16)→B108-U-Q4 (6.5m)

-64- S004(13-16)→B108-L-Q4 (6m)

-64- S004(13-16)→B108-L-Q4 (6m)

DRAFT

-65- S005(17-20)→B101-U-Q1 (7m)

-65- S005(17-20)→B101-U-Q1 (7m)

-66- S005(17-20)→B101-L-Q1 (6.5m)

-66- S005(17-20)→B101-L-Q1 (6.5m)

-67- S005(17-20)→B102-U-Q1 (6.5m)

-67- S005(17-20)→B102-U-Q1 (6.5m)

-68- S005(17-20)→B102-L-Q1 (6m)

-68- S005(17-20)→B102-L-Q1 (6m)

-69- S005(17-20)→B103-U-Q2 (5m)

-69- S005(17-20)→B103-U-Q2 (5m)

-70- S005(17-20)→B103-L-Q2 (5m)

-70- S005(17-20)→B103-L-Q2 (5m)

-71- S005(17-20)→B104-U-Q2 (2m)

-71- S005(17-20)→B104-U-Q2 (2m)

-72- S005(17-20)→B104-L-Q2 (2m)

-72- S005(17-20)→B104-L-Q2 (2m)

DRAFT

-73- S005(17-20)→B105-U-Q3 (5.5m)

-73- S005(17-20)→B105-U-Q3 (5.5m)

-74- S005(17-20)→B105-L-Q3 (5m)

-74- S005(17-20)→B105-L-Q3 (5m)

-75- S005(17-20)→B106-U-Q3 (6m)

-75- S005(17-20)→B106-U-Q3 (6m)

-76- S005(17-20)→B106-L-Q3 (5.5m)

-76- S005(17-20)→B106-L-Q3 (5.5m)

-77- S005(17-20)→B107-U-Q4 (6.5m)

-77- S005(17-20)→B107-U-Q4 (6.5m)

-78- S005(17-20)→B107-L-Q4 (6m)

-78- S005(17-20)→B107-L-Q4 (6m)

-79- S005(17-20)→B108-U-Q4 (7m)

-79- S005(17-20)→B108-U-Q4 (7m)

-80- S005(17-20)→B108-L-Q4 (6.5m)

-80- S005(17-20)→B108-L-Q4 (6.5m)

DRAFT

-81- S006(21-24)→B101-U-Q1 (6.5m)

-81- S006(21-24)→B101-U-Q1 (6.5m)

-82- S006(21-24)→B101-L-Q1 (6m)

-82- S006(21-24)→B101-L-Q1 (6m)

-83- S006(21-24)→B102-U-Q1 (6.5m)

-83- S006(21-24)→B102-U-Q1 (6.5m)

-84- S006(21-24)→B102-L-Q1 (6m)

-84- S006(21-24)→B102-L-Q1 (6m)

-85- S006(21-24)→B103-U-Q2 (5.5m)

-85- S006(21-24)→B103-U-Q2 (5.5m)

-86- S006(21-24)→B103-L-Q2 (5m)

-86- S006(21-24)→B103-L-Q2 (5m)

-87- S006(21-24)→B104-U-Q2 (5m)

-87- S006(21-24)→B104-U-Q2 (5m)

-88- S006(21-24)→B104-L-Q2 (5m)

-88- S006(21-24)→B104-L-Q2 (5m)

DRAFT

-89- S006(21-24)→B105-U-Q3 (5.5m)

-89- S006(21-24)→B105-U-Q3 (5.5m)

-90- S006(21-24)→B105-L-Q3 (5m)

-90- S006(21-24)→B105-L-Q3 (5m)

-91- S006(21-24)→B106-U-Q3 (5.5m)

-91- S006(21-24)→B106-U-Q3 (5.5m)

-92- S006(21-24)→B106-L-Q3 (5m)

-92- S006(21-24)→B106-L-Q3 (5m)

-93- S006(21-24)→B107-U-Q4 (6m)

-93- S006(21-24)→B107-U-Q4 (6m)

-94- S006(21-24)→B107-L-Q4 (5.5m)

-94- S006(21-24)→B107-L-Q4 (5.5m)

-95- S006(21-24)→B108-U-Q4 (6m)

-95- S006(21-24)→B108-U-Q4 (6m)

-96- S006(21-24)→B108-L-Q4 (5.5m)

-96- S006(21-24)→B108-L-Q4 (5.5m)

DRAFT

-97- S007(25-28)→B101-U-Q1 (6.5m)

-97- S007(25-28)→B101-U-Q1 (6.5m)

-98- S007(25-28)→B101-L-Q1 (6m)

-98- S007(25-28)→B101-L-Q1 (6m)

-99- S007(25-28)→B102-U-Q1 (6.5m)

-99- S007(25-28)→B102-U-Q1 (6.5m)

100- S007(25-28)→B102-L-Q1 (6m)

100- S007(25-28)→B102-L-Q1 (6m)

101- S007(25-28)→B103-U-Q2 (6m)

101- S007(25-28)→B103-U-Q2 (6m)

102- S007(25-28)→B103-L-Q2 (5.5m)

102- S007(25-28)→B103-L-Q2 (5.5m)

103- S007(25-28)→B104-U-Q2 (6m)

103- S007(25-28)→B104-U-Q2 (6m)

104- S007(25-28)→B104-L-Q2 (5.5m)

104- S007(25-28)→B104-L-Q2 (5.5m)

DRAFT

105- S007(25-28)→B105-U-Q3 (5.5m)

105- S007(25-28)→B105-U-Q3 (5.5m)

106- S007(25-28)→B105-L-Q3 (5m)

106- S007(25-28)→B105-L-Q3 (5m)

107- S007(25-28)→B106-U-Q3 (5.5m)

107- S007(25-28)→B106-U-Q3 (5.5m)

108- S007(25-28)→B106-L-Q3 (5m)

108- S007(25-28)→B106-L-Q3 (5m)

109- S007(25-28)→B107-U-Q4 (5m)

109- S007(25-28)→B107-U-Q4 (5m)

110- S007(25-28)→B107-L-Q4 (5m)

110- S007(25-28)→B107-L-Q4 (5m)

111- S007(25-28)→B108-U-Q4 (5.5m)

111- S007(25-28)→B108-U-Q4 (5.5m)

112- S007(25-28)→B108-L-Q4 (5m)

112- S007(25-28)→B108-L-Q4 (5m)

DRAFT

113- S008(29-32)→B101-U-Q1 (6.5m)

113- S008(29-32)→B101-U-Q1 (6.5m)

114- S008(29-32)→B101-L-Q1 (6m)

114- S008(29-32)→B101-L-Q1 (6m)

115- S008(29-32)→B102-U-Q1 (7m)

115- S008(29-32)→B102-U-Q1 (7m)

116- S008(29-32)→B102-L-Q1 (6.5m)

116- S008(29-32)→B102-L-Q1 (6.5m)

117- S008(29-32)→B103-U-Q2 (7m)

117- S008(29-32)→B103-U-Q2 (7m)

118- S008(29-32)→B103-L-Q2 (6.5m)

118- S008(29-32)→B103-L-Q2 (6.5m)

119- S008(29-32)→B104-U-Q2 (6.5m)

119- S008(29-32)→B104-U-Q2 (6.5m)

120- S008(29-32)→B104-L-Q2 (6m)

120- S008(29-32)→B104-L-Q2 (6m)

DRAFT

121- S008(29-32)→B105-U-Q3 (6m)

121- S008(29-32)→B105-U-Q3 (6m)

122- S008(29-32)→B105-L-Q3 (5.5m)

122- S008(29-32)→B105-L-Q3 (5.5m)

123- S008(29-32)→B106-U-Q3 (5.5m)

123- S008(29-32)→B106-U-Q3 (5.5m)

124- S008(29-32)→B106-L-Q3 (5m)

124- S008(29-32)→B106-L-Q3 (5m)

125- S008(29-32)→B107-U-Q4 (2m)

125- S008(29-32)→B107-U-Q4 (2m)

126- S008(29-32)→B107-L-Q4 (2m)

126- S008(29-32)→B107-L-Q4 (2m)

127- S008(29-32)→B108-U-Q4 (5m)

127- S008(29-32)→B108-U-Q4 (5m)

128- S008(29-32)→B108-L-Q4 (5m)

128- S008(29-32)→B108-L-Q4 (5m)

DRAFT

4.13 Meritec rack-to-rack “cable set” label application diagrams

Each cable set is labeled in an identical fashion, but labels for each set are different.

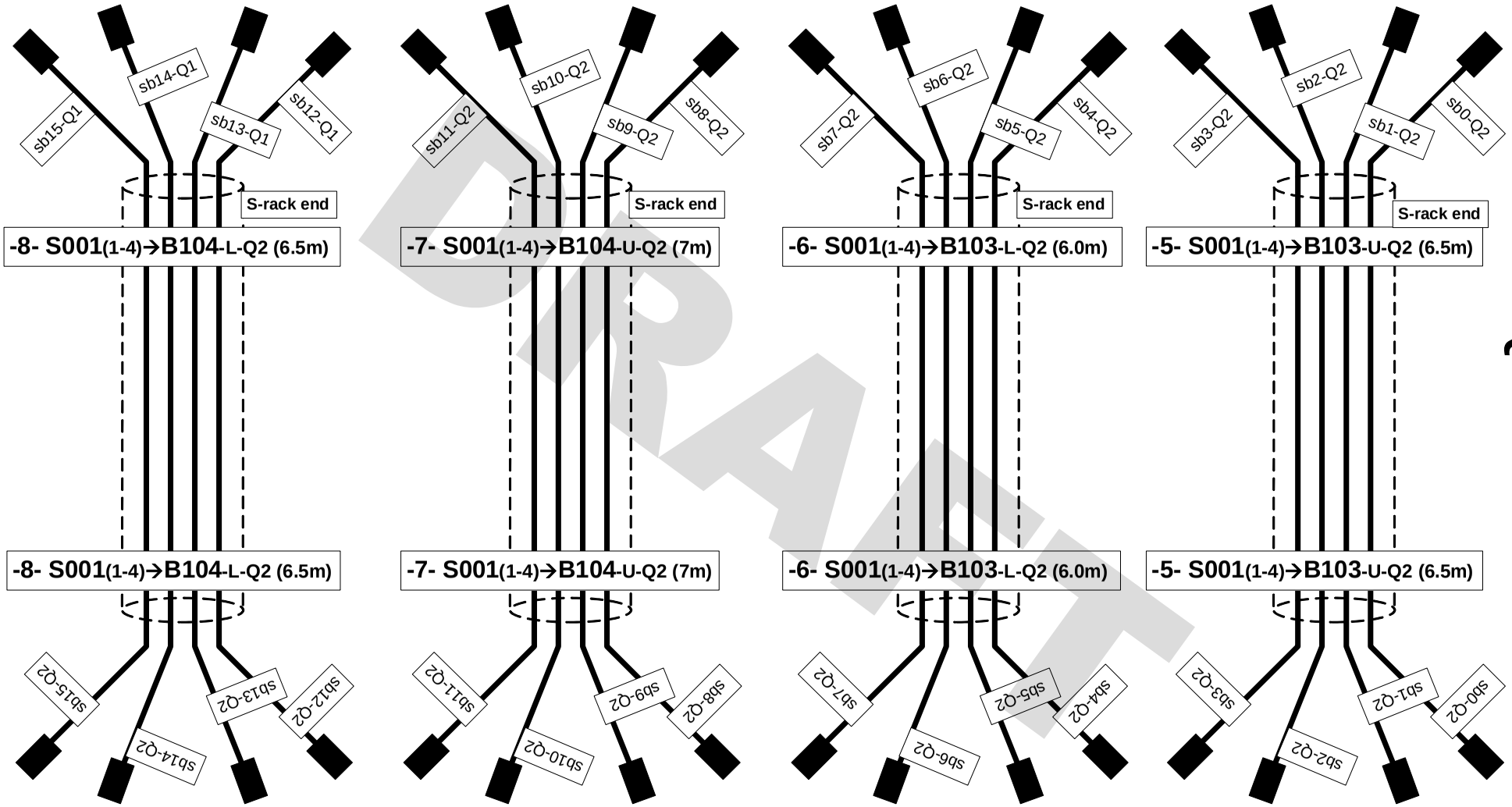
Pay careful attention to labeling for each of the 128 cable sets!

DRAFT

S001 to Q1 Cable Detail

DRAFT

S001 to Q2 Cable Detail

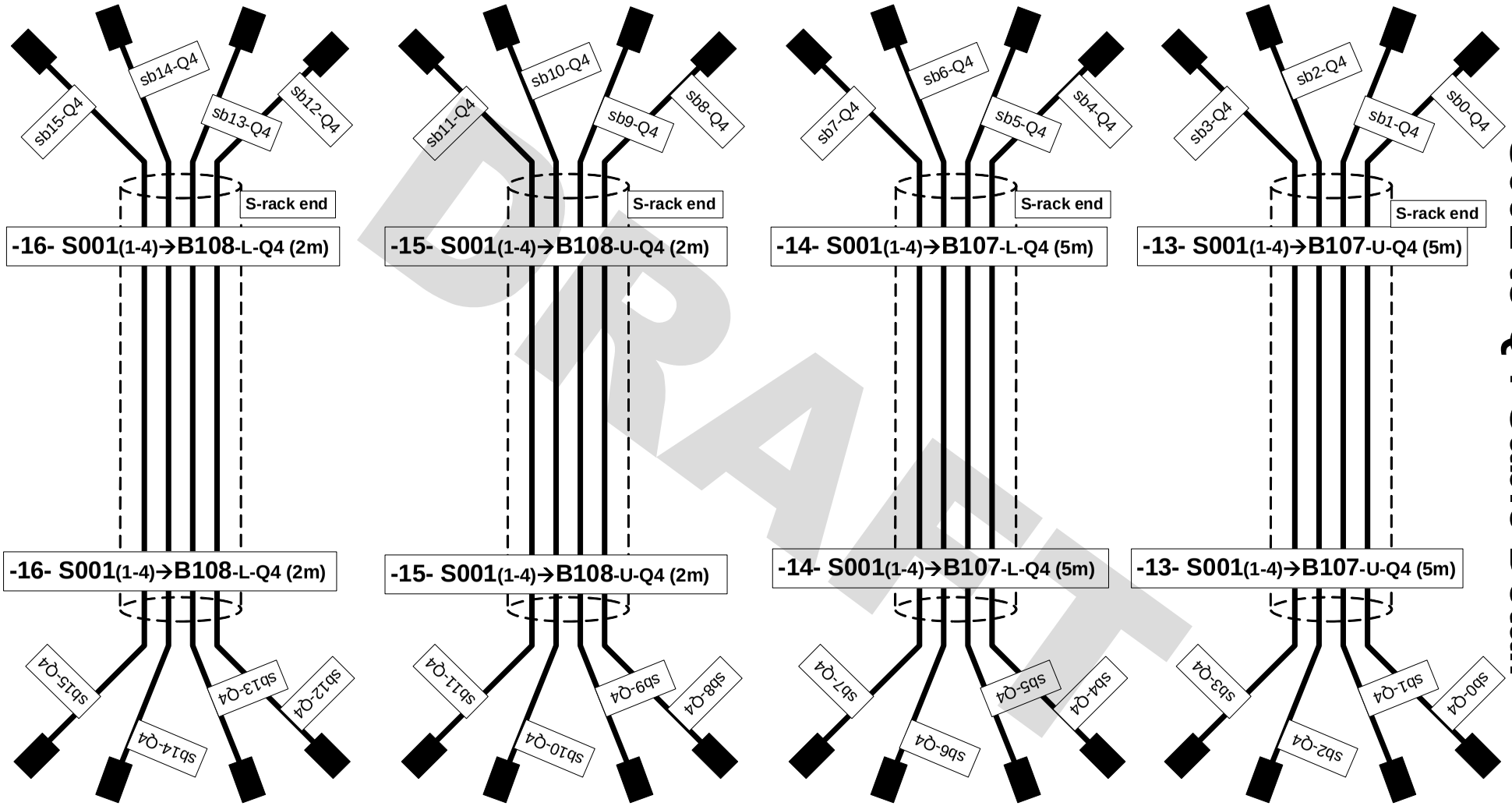


DRAFT

S001 to Q3 Cable Detail

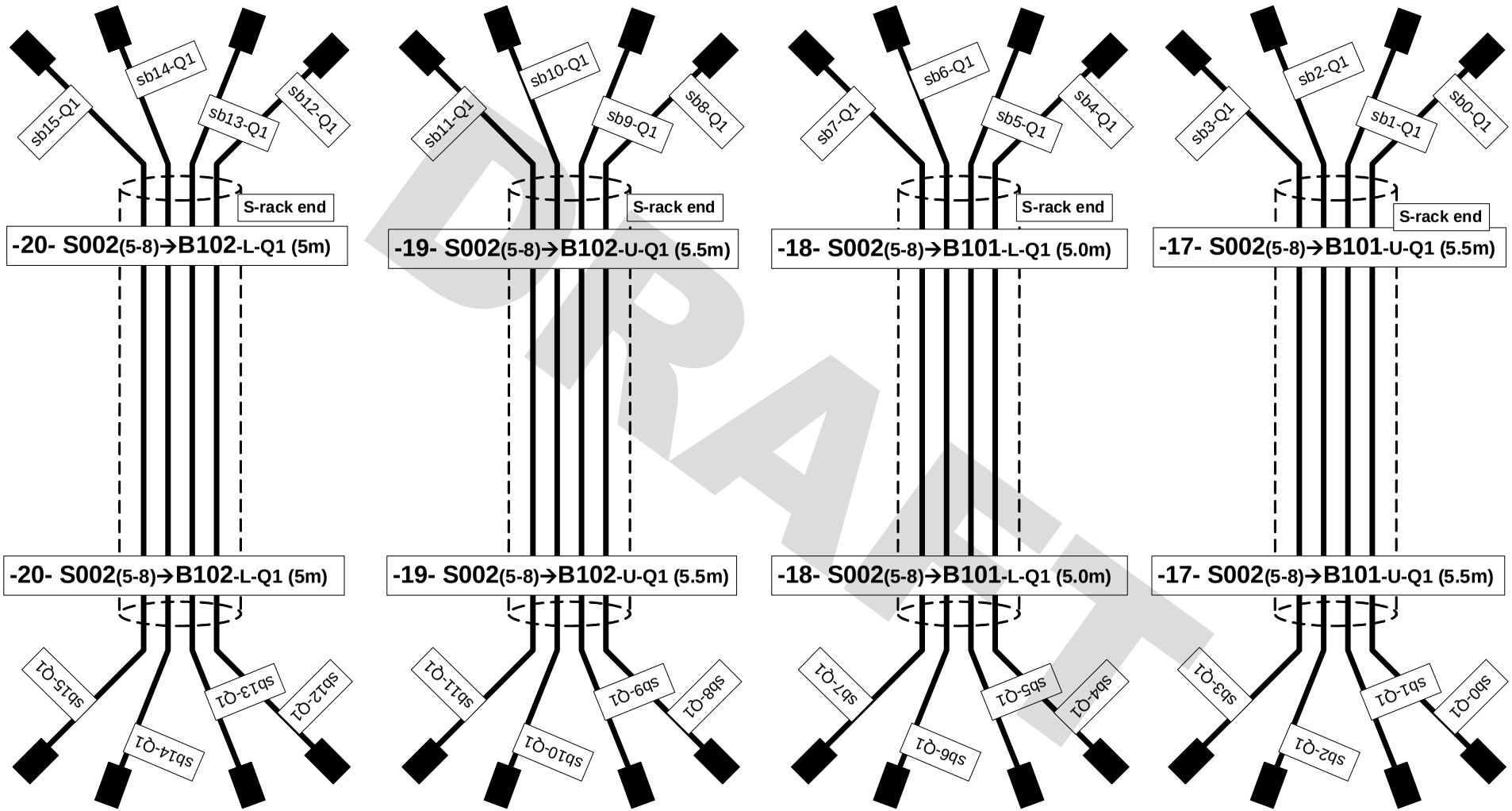
DRAFT

S001 to Q4 Cable Detail



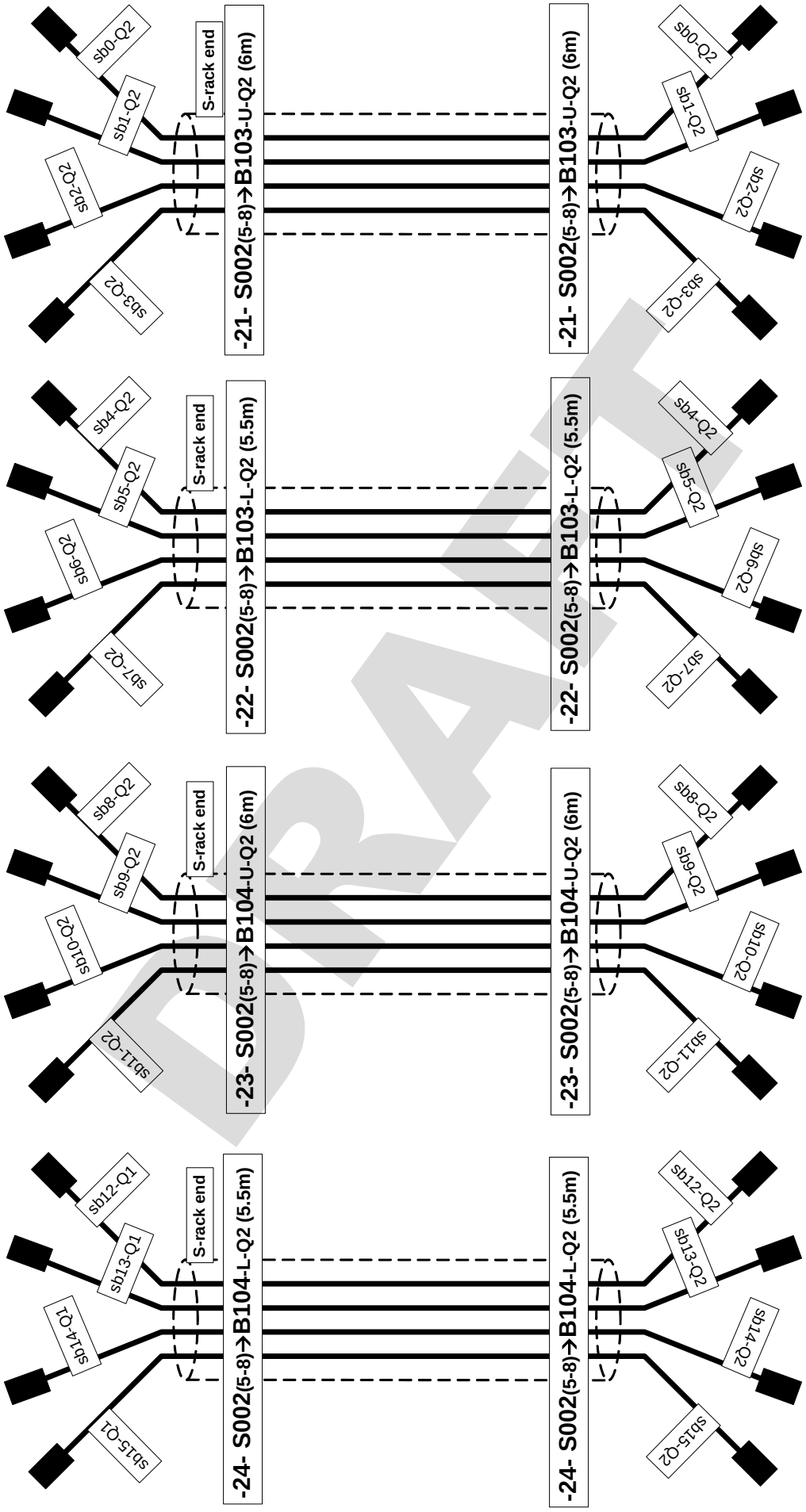
DRAFT

S002 to Q1 Cable Detail



DRAFT

S002 to Q2 Cable Detail



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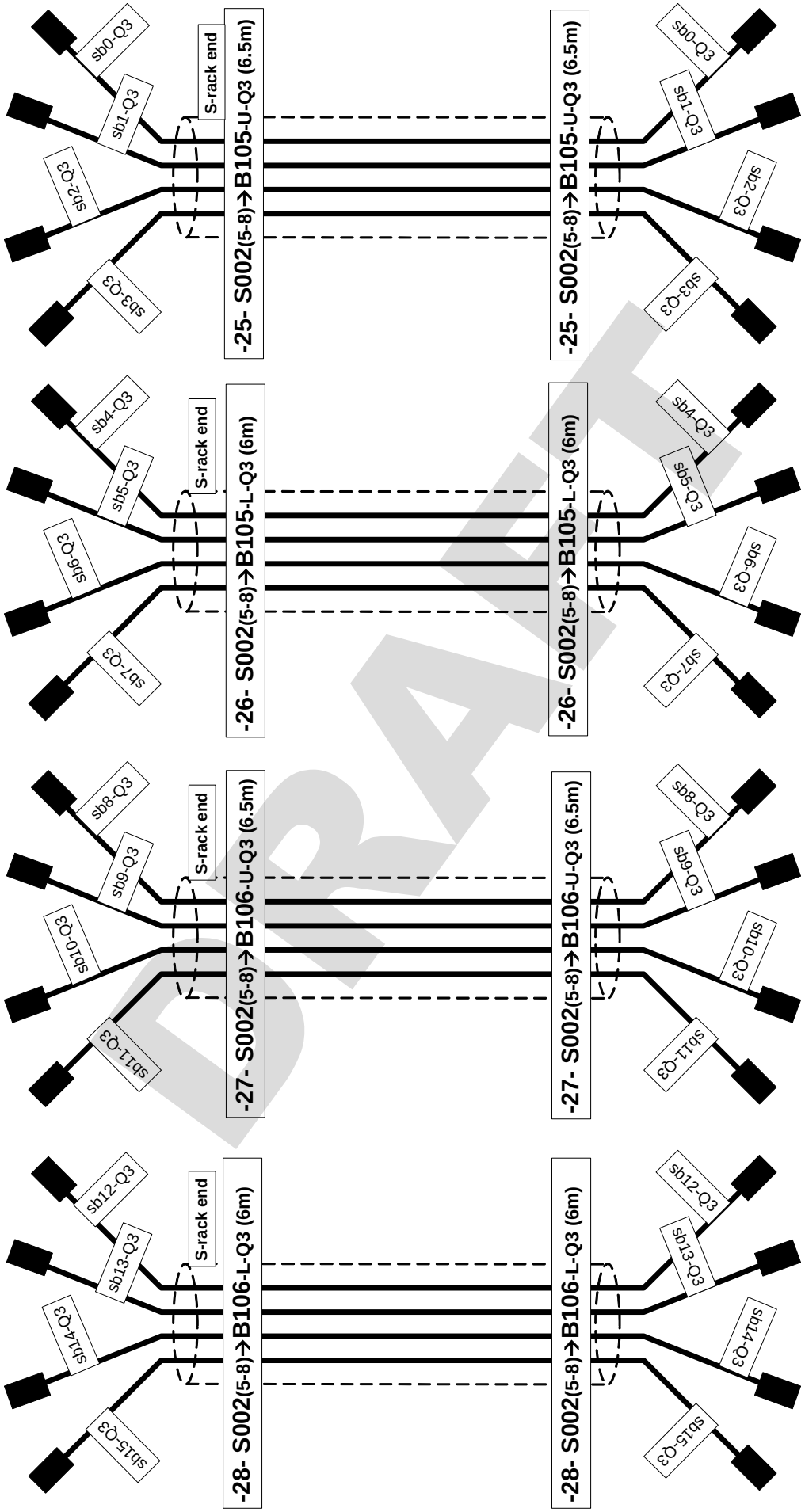
S002 to Q3 Cable Detail



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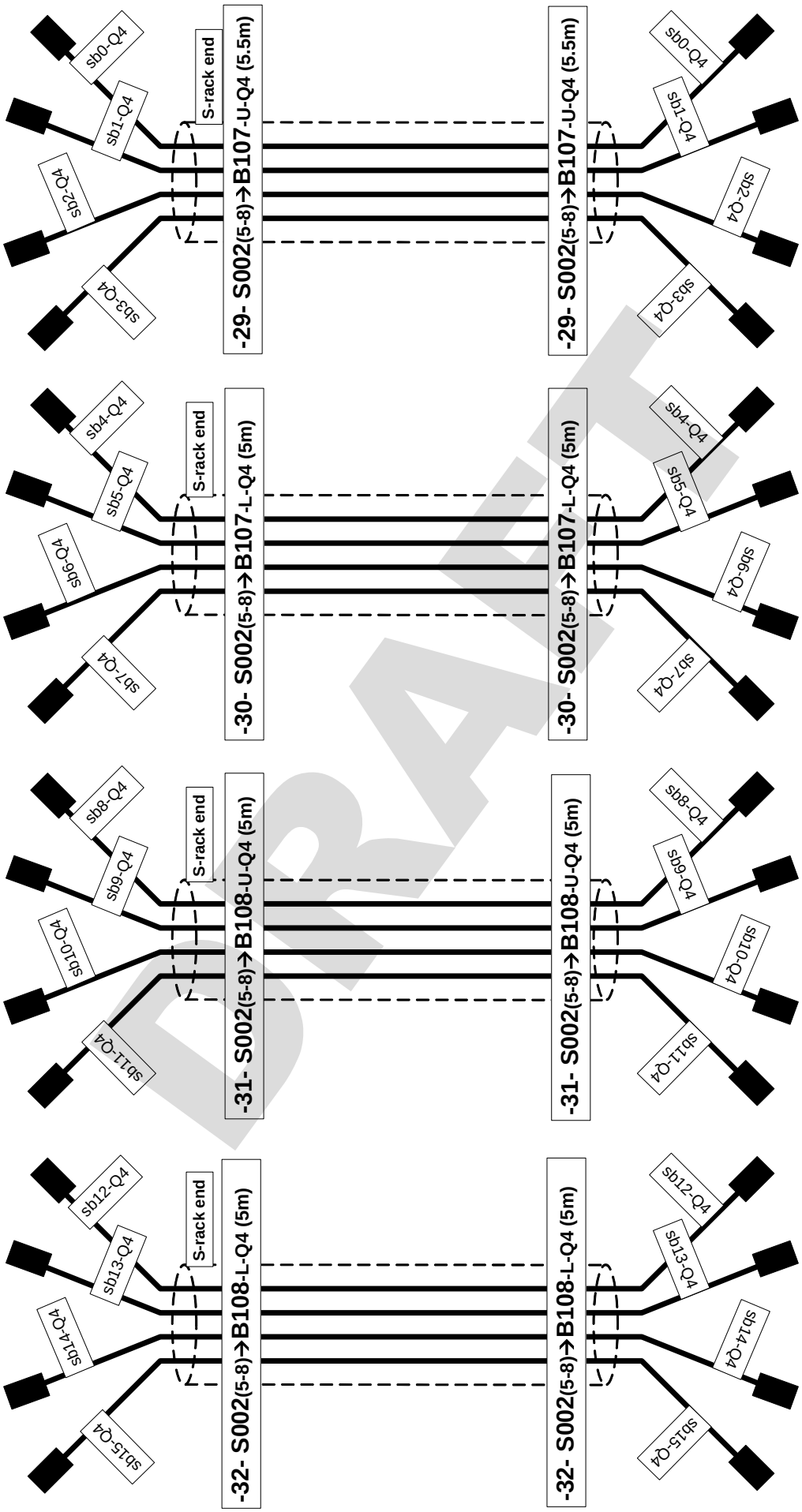
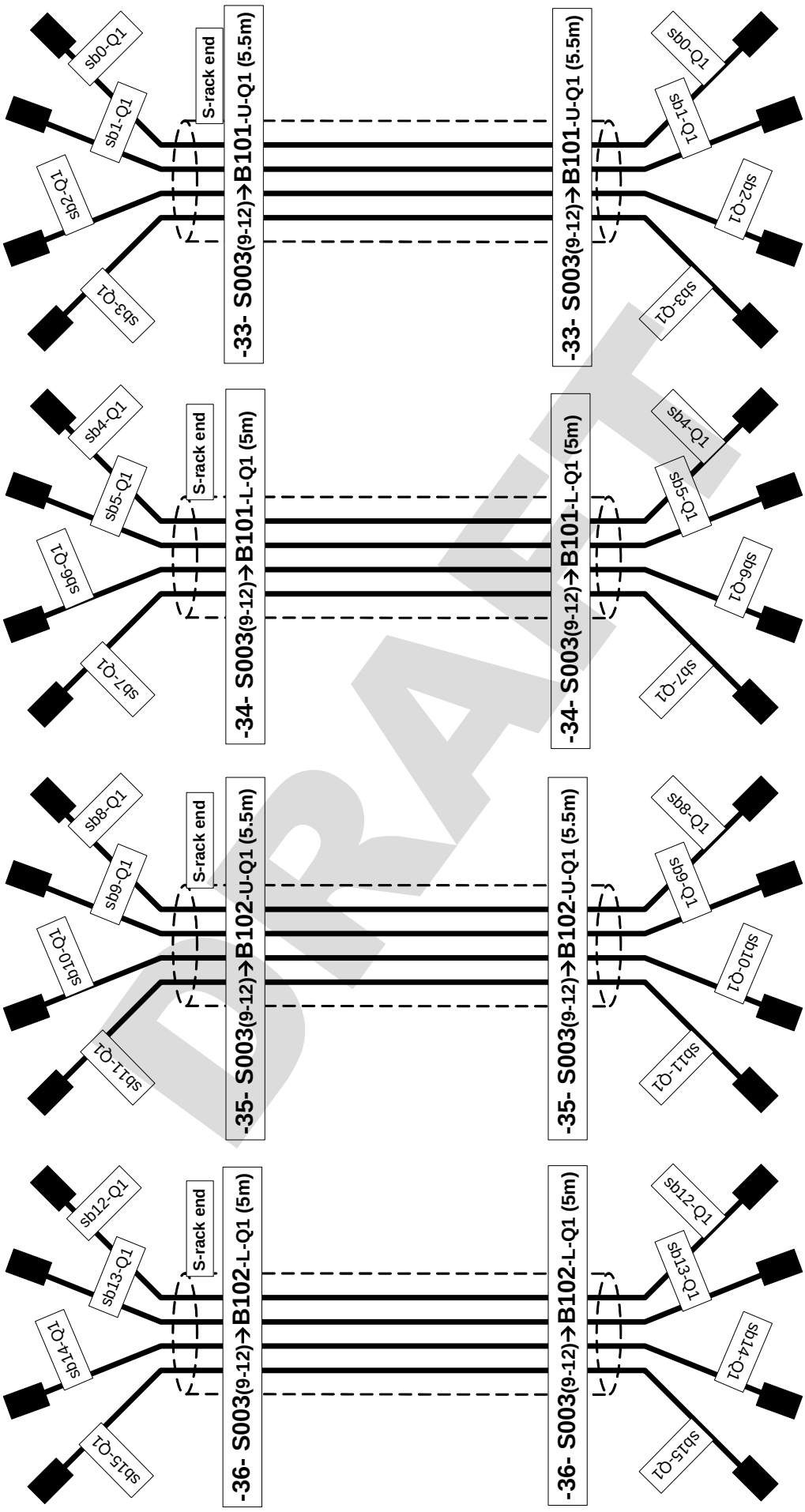
S002 to Q4 Cable Detail



DRAFT

S003 to Q1 Cable Detail



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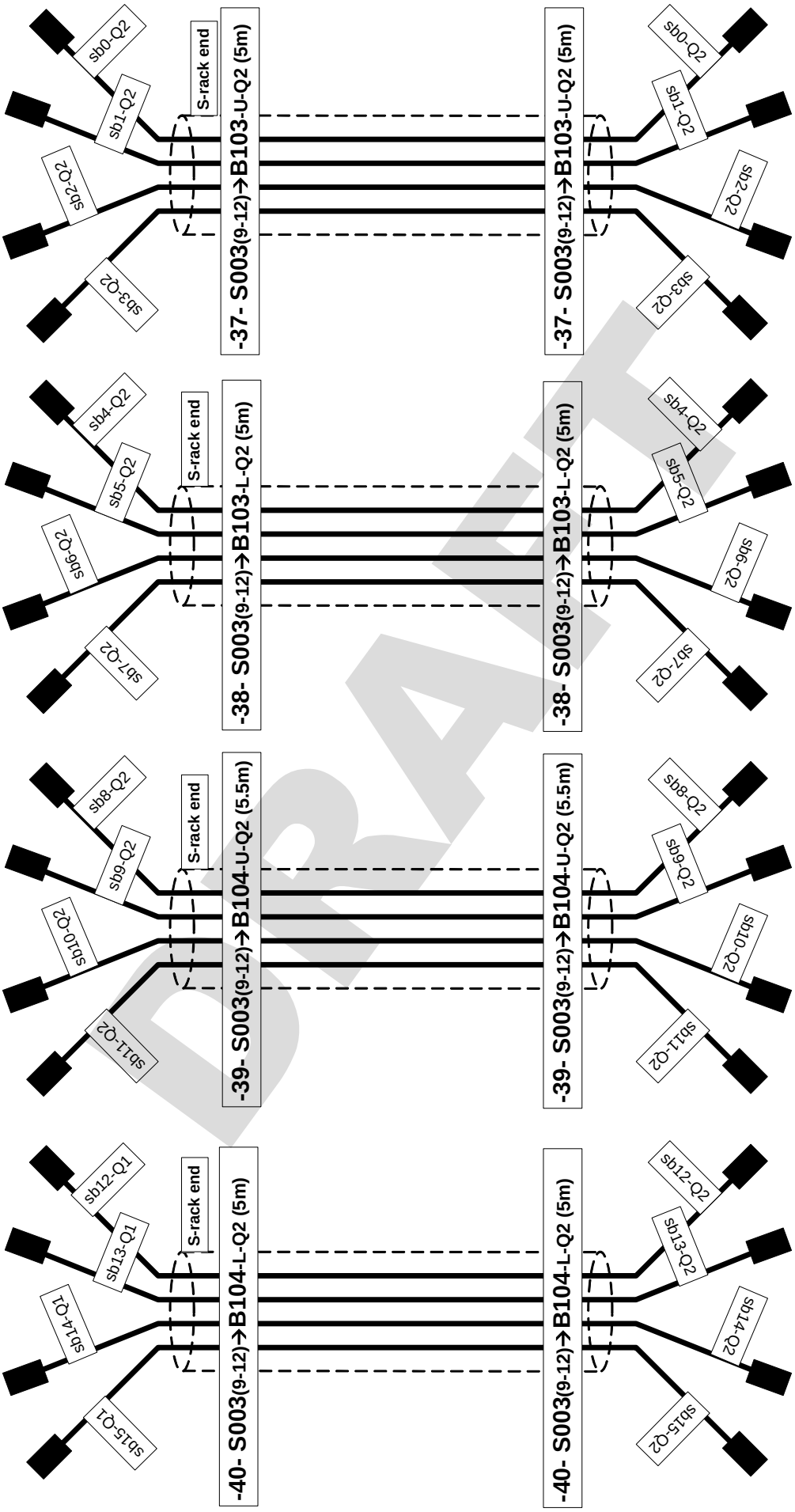
S003 to Q2 Cable Detail



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S003 to Q3 Cable Detail

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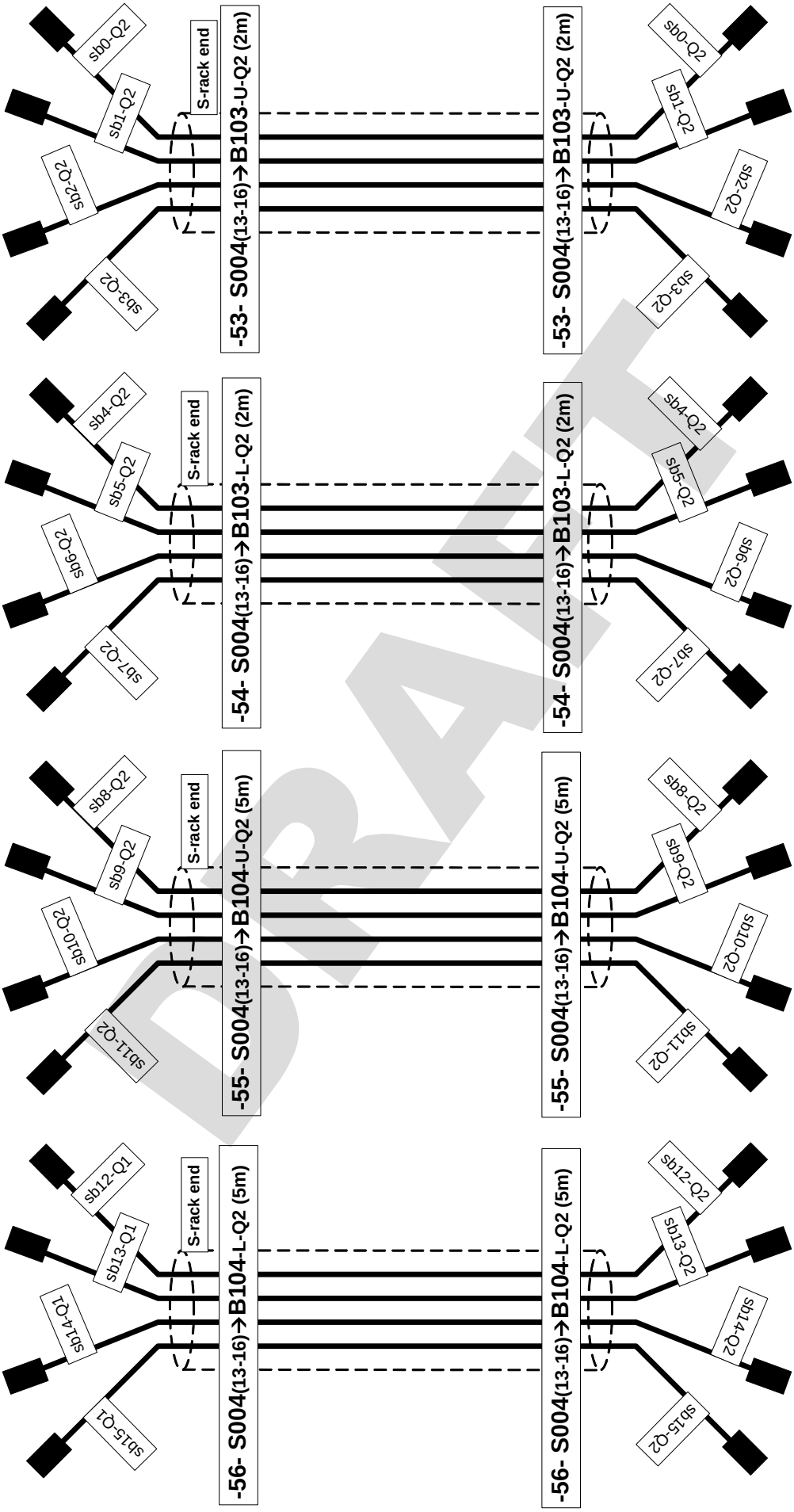
S003 to Q4 Cable Detail

DRAFT

S004 to Q1 Cable Detail

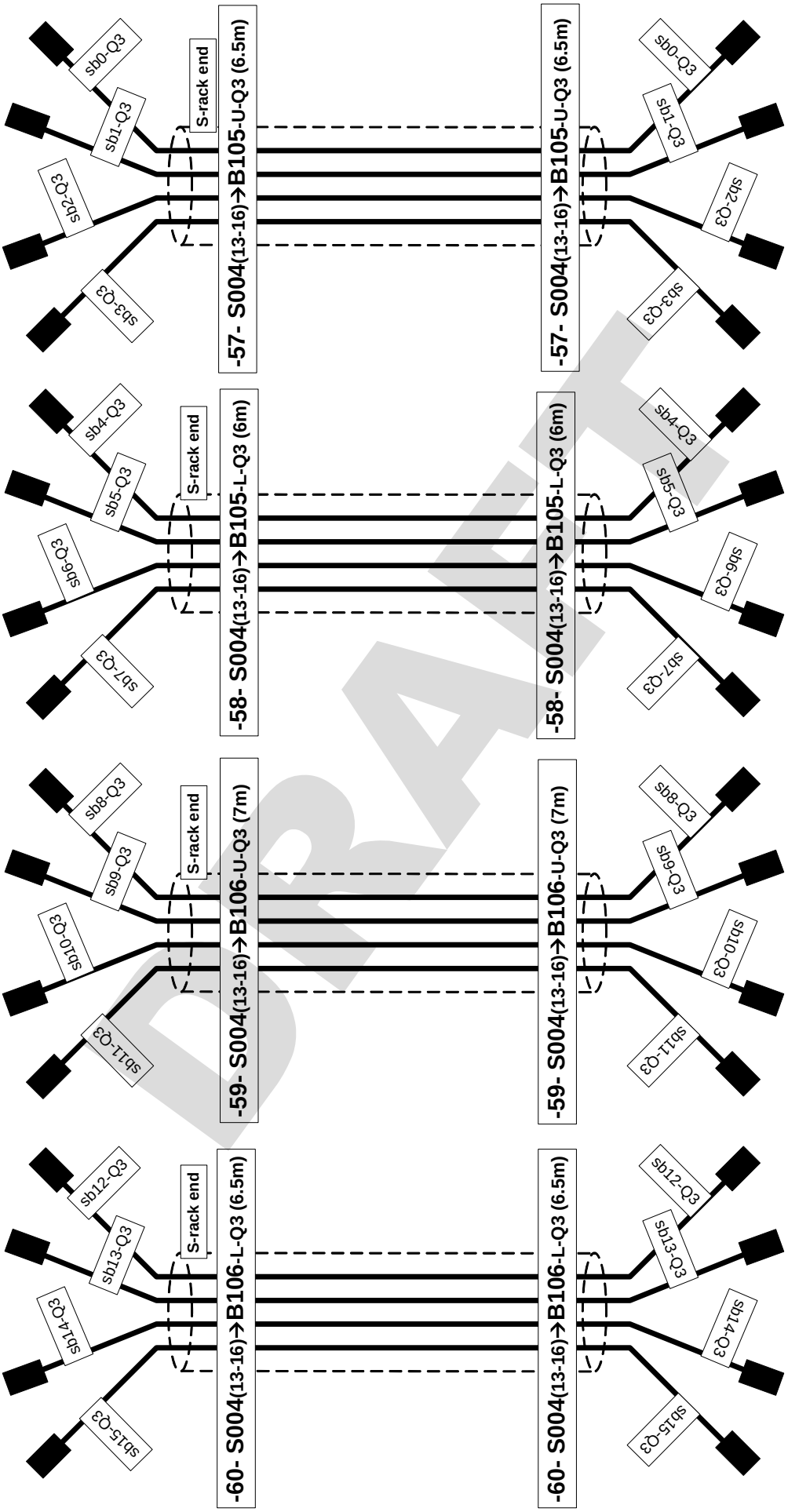
DRAFT

S004 to Q2 Cable Detail



DRAFT

S004 to Q3 Cable Detail



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S004 to Q4 Cable Detail

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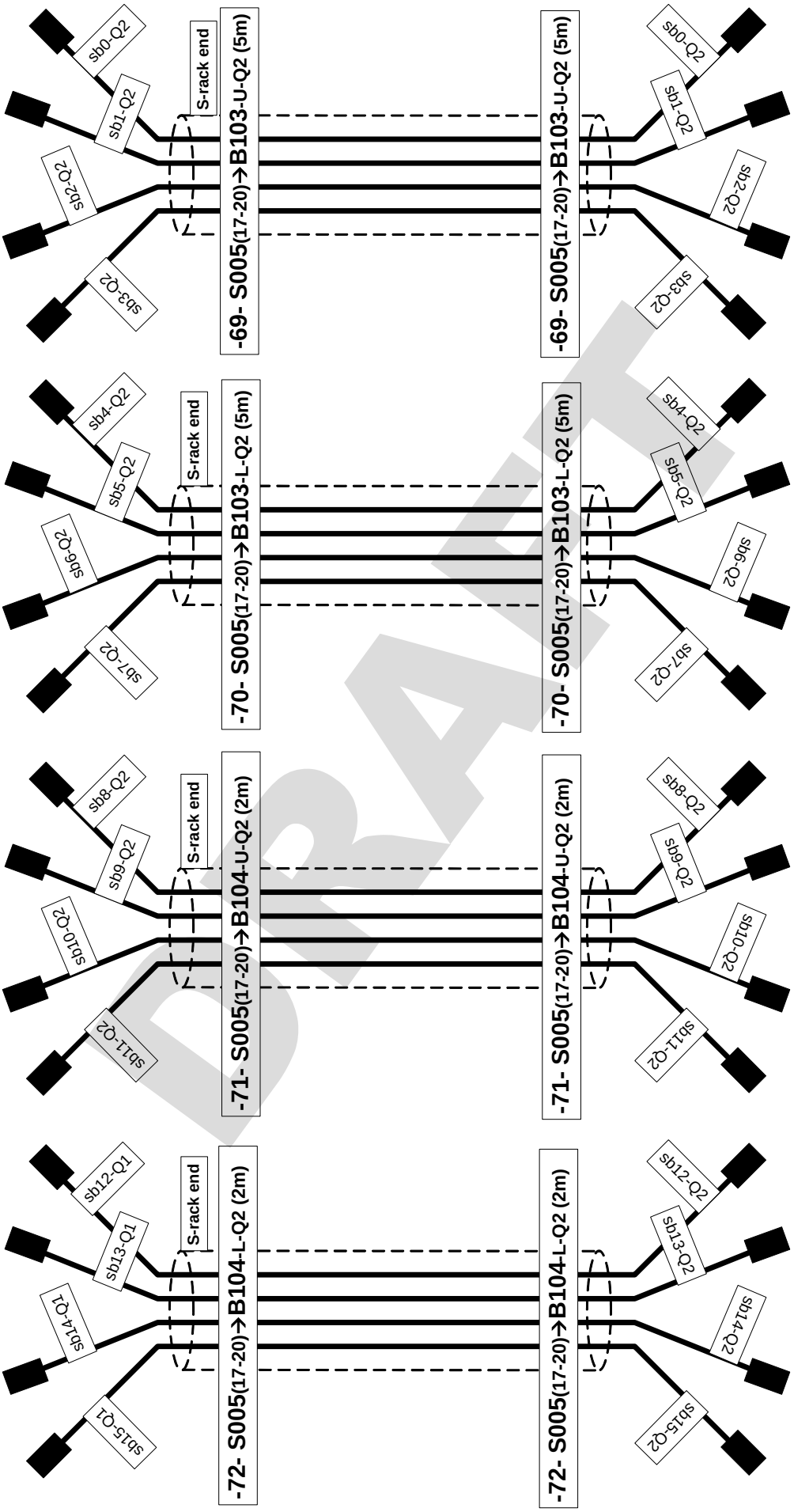
S005 to Q1 Cable Detail

DRAFT

S005 to Q2 Cable Detail



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S005 to Q3 Cable Detail

DRAFT

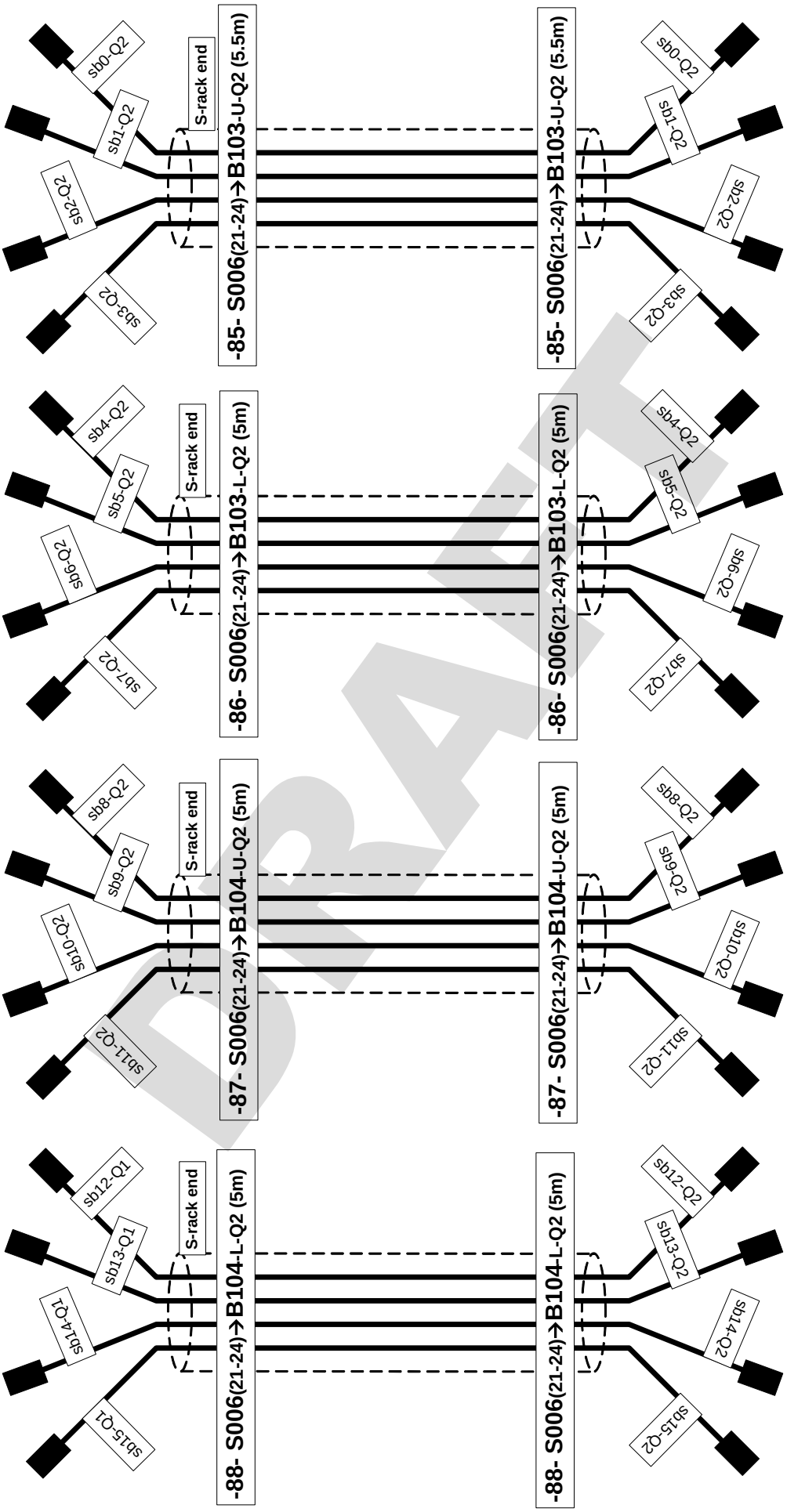
S005 to Q4 Cable Detail

DRAFT

S006 to Q1 Cable Detail

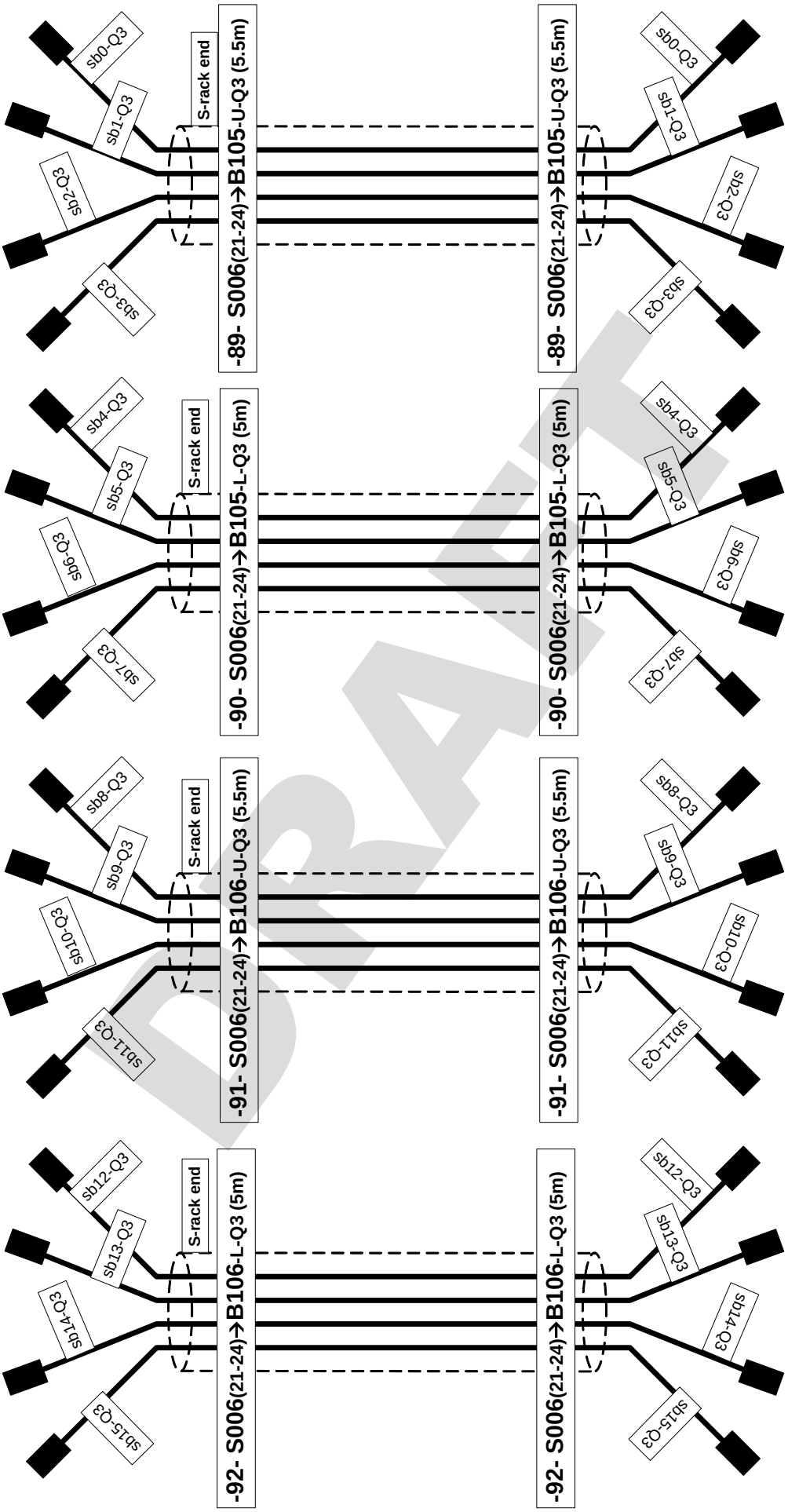
DRAFT

S006 to Q2 Cable Detail



DRAFT

S006 to Q3 Cable Detail



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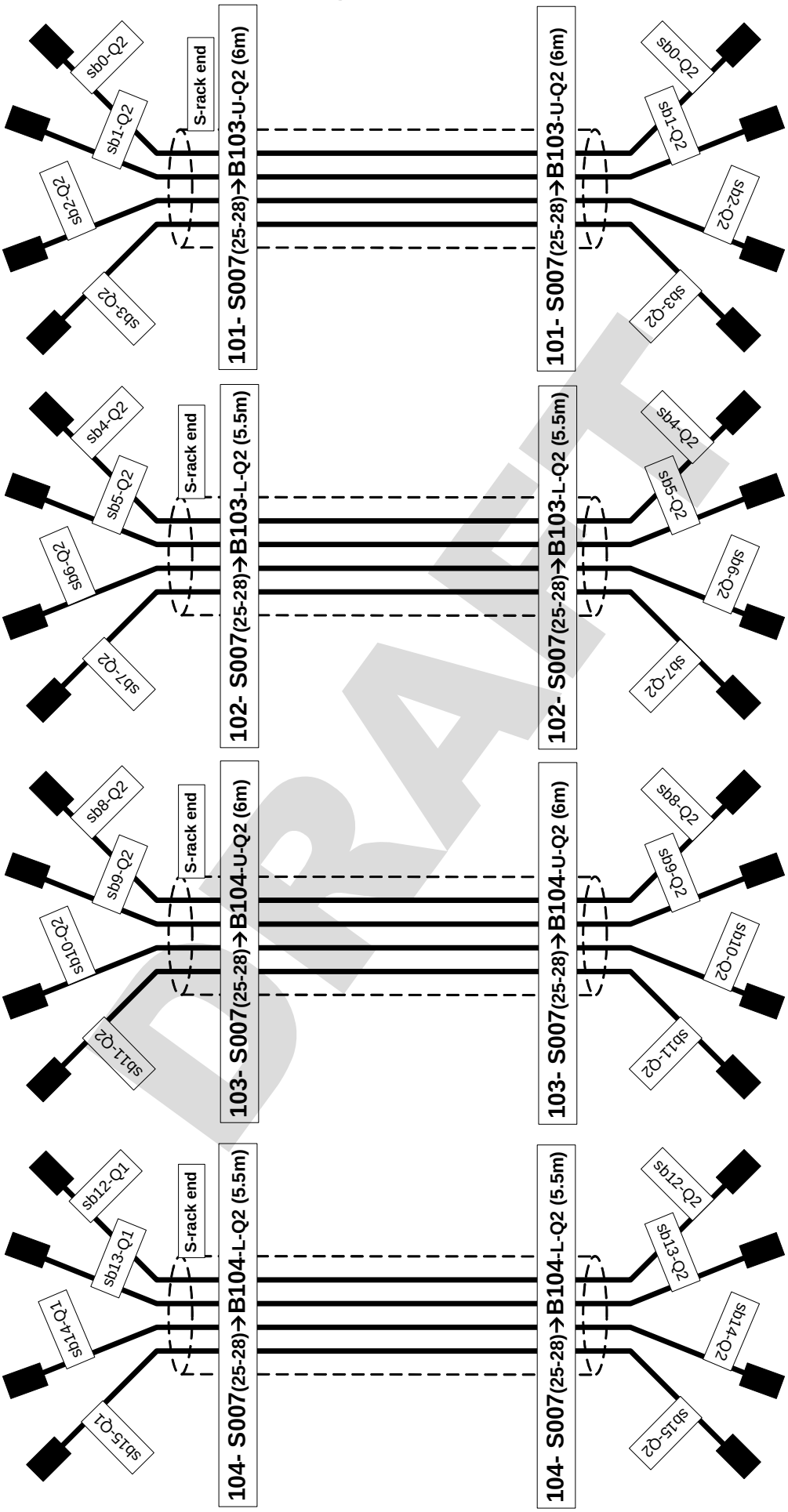
S006 to Q4 Cable Detail

DRAFT

S007 to Q1 Cable Detail

DRAFT

S007 to Q2 Cable Detail



DRAFT

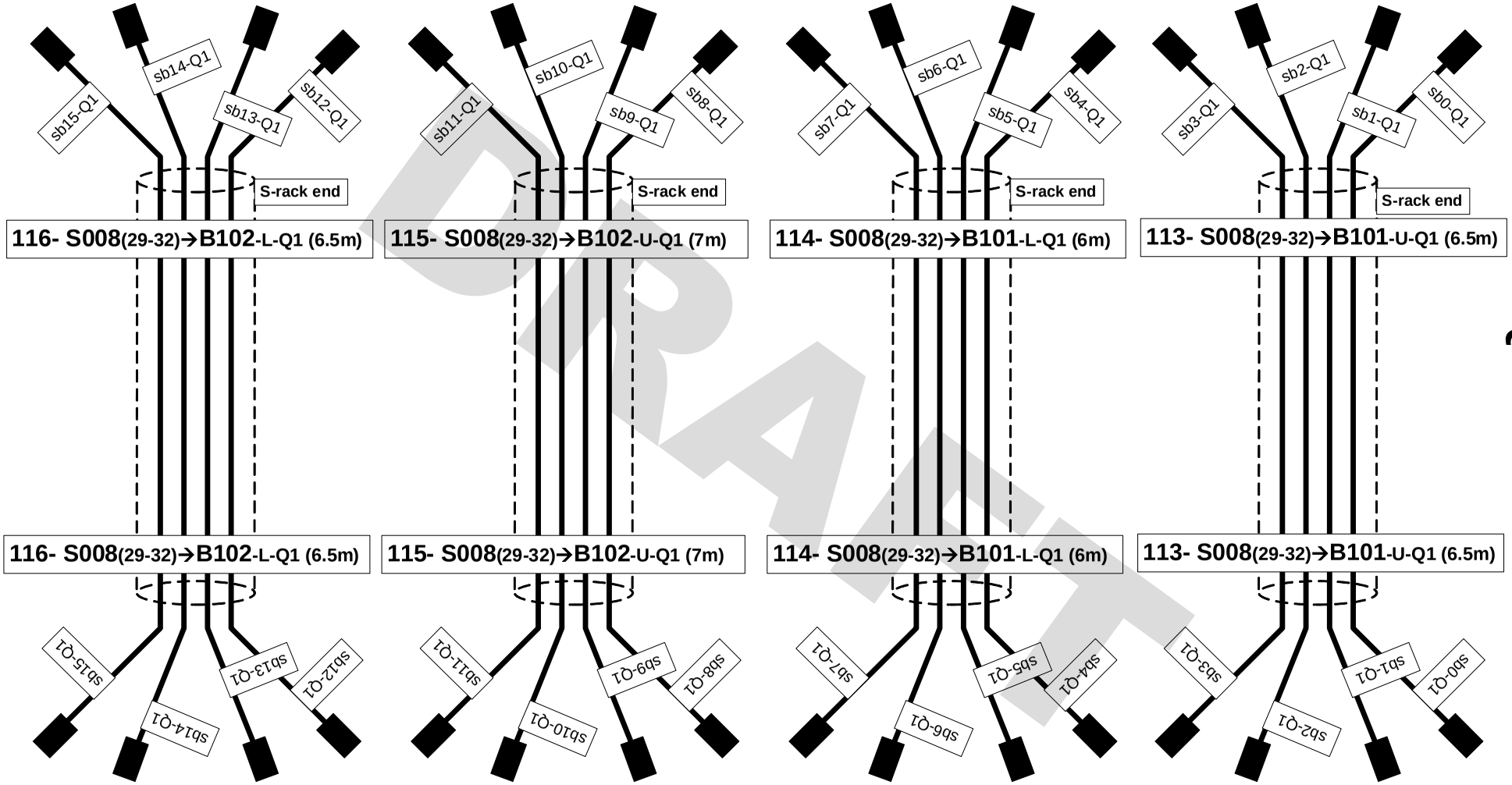
S007 to Q3 Cable Detail

DRAFT

S007 to Q4 Cable Detail

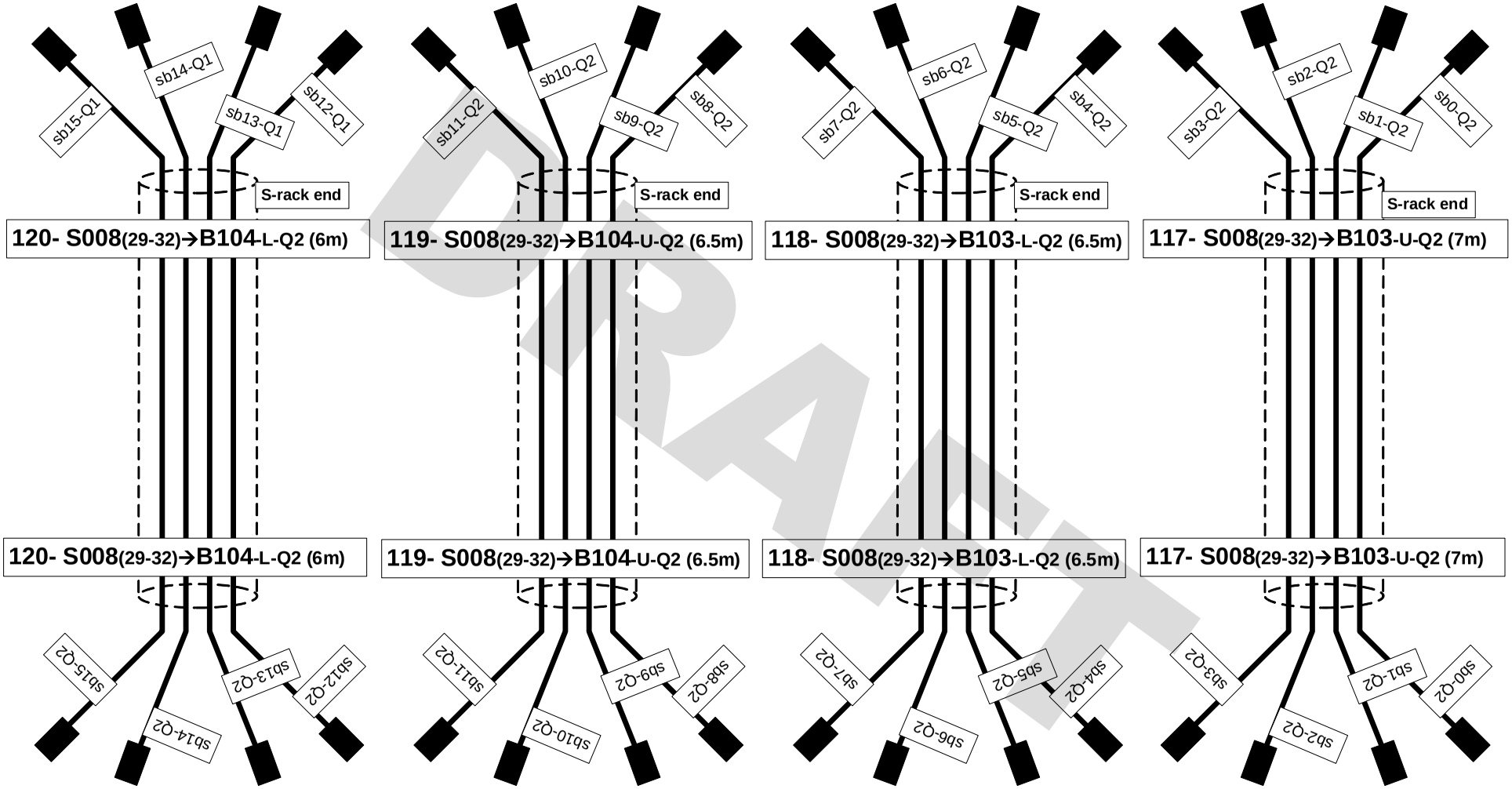
DRAFT

S008 to Q1 Cable Detail



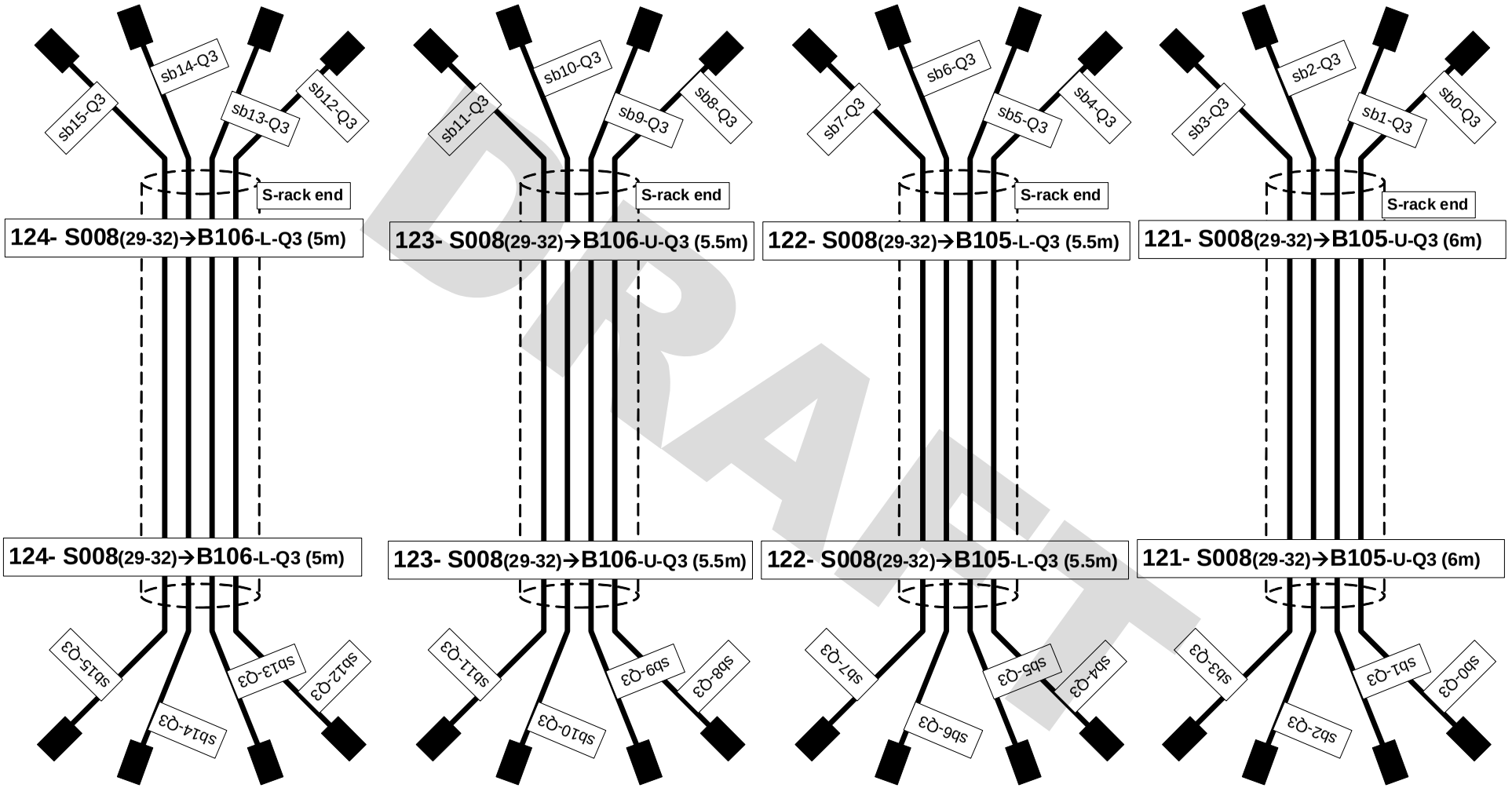
DRAFT

S008 to Q2 Cable Detail



DRAFT

S008 to Q3 Cable Detail



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S008 to Q4 Cable Detail

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