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To: All Vendors
From: Jacob Brown, Purchasing Department, Collins Machine Works
Subj: GDEB SC 45-10 & 76-83 Requirement Clarification

All Concerned,

For some projects Collins Machine Works (CMW) may require that you adhere to the requirements of General Dynamics – Electric Boat Standard Clause 45-10 (Additional Marking Requirements) and 76-83 (Test Report Traceability). As many vendors have had issues complying with this requirement we are releasing this statement as clarification.

GDEB SC 45-10 requires that material provided be serialized in accordance with the format specified in the clause. For example, if you are providing one Monel round bar to CMW under a PO in which 45-10 is invoked, you must assign it a serial number in the format specified.

Example:

CMW Purchase Order Number	Line Item Number	Unique Number
37449	001	1

So in this case one Monel round bar, ordered on line item 001 of PO 37449 would have the serial number “37449-001-1”

Please note the following:

1. All bars must be **permanently marked**; either engraved or stamped (some restrictions on method may apply).
2. Bars are **serialized by heat**. So if line item 001 in the example above was for four bars, and they were all of the same heat, the serial number would be “37449-001-1” for all four bars.
3. If a line item contains multiple bars of the same form, but of different heats it would look like this:

Example:

Quantity of Bars	Heat Number		CMW Purchase Order Number	Line item Number	Unique Number
3	HJ67543	=	37449	001	1
1	XL54321	=	37449	001	2

So in this case the four monel bars, of the same form, on the same line item, of two different heats would have the serial number “37449-001-1” for three of the bars and “37449-001-2” for one bar.

If GDEB SC 76-83 (Test Report Traceability) is invoked on your order you must perform the following steps:

1. All pages of the MTR package, including heat treatment records, NDT Results, and any other records must reference the heat number of the material.
2. If 45-10 is invoked on the order as well, all pages of the MTR package must be annotated with the appropriate serial numbers.