Billet subspecialty coding is to be based on the minimum education/training/experience level required for optimum performance. 5500 subspecialty coding is justified when, in addition to the general criteria stated in NAVPERS 15839 series (Manual of Navy Officer Manpower and Personnel Classification) Part B, the following specific criteria are satisfied:

1. Description of CSR Competencies. The listed CSRs are a set of quantifiable skills, traits and experiences that a subspecialist must possess to perform acceptably in a coded billet for the 5500.

   a. CSR 1: Space Acquisition and Development. Formulate operational and derived technical requirements, system-level architectures, operational concepts, conceptual spacecraft designs and integration and test plans for the development and employment of national security space systems, ground support segments and the distribution, correlation and analysis of their information products.

   b. CSR 2: Spacecraft Design. Demonstrate technical knowledge of orbital mechanics and the space environment, design of selected space force enhancement payloads and spacecraft and ground support segment subsystems including: communications, command and data handling, attitude determination, guidance, navigation and control, structures, propulsion, thermal control and electrical power.

   c. CSR 3: Space Systems Engineering. Demonstrate leadership of system of systems engineering efforts and direct design, development, acquisition, integration and testing of spacecraft and associated ground support systems throughout their life-cycles including launch and on-orbit operations.

   d. CSR 4: Space Liaison. Develop in collaboration with other services, agencies, and industry the policy and procedures necessary for requirements development and analysis of the: design, acquisition and operational employment of space systems, ground support segments and their information products.
e. CSR 5: Decision Superiority. Perform technical
evaluation of space systems design and performance and
provide recommendations to senior decision-makers regarding
space systems engineering, performance and mission
assurance issues.

2. Applicable Officer Designator(s):

   a. 1000 - 1000 / 1001 - 1019 / 1021 - 1049 / 1050 - 1050 /
      1051 - 1099 / 1100 - 1109 / 1110 - 1119 / 1120 - 1129 /
      1130 - 1139 / 1140 - 1159 / 1160 - 1169 / 1170 - 1179 /
      1180 - 1189 / 1190 - 1199 / 1200 - 1209 / 1200 - 1299 /
      1300 - 1399 / 1400 - 1499 / 1510 - 1519 / 1600 - 1609 /
      1610 - 1629 / 1630 - 1649 / 1800 - 1899

3. Applicable Billet Designator:

   a. 1000 - 1000 / 1001 - 1019 / 1021 - 1049 / 1050 - 1050 /
      1051 - 1099 / 1100 - 1109 / 1110 - 1119 / 1120 - 1129 /
      1130 - 1139 / 1140 - 1159 / 1160 - 1169 / 1170 - 1179 /
      1180 - 1189 / 1190 - 1199 / 1200 - 1209 / 1200 - 1299 /
      1300 - 1399 / 1400 - 1499 / 1510 - 1519 / 1600 - 1609 /
      1610 - 1629 / 1630 - 1649 / 1800 - 1899

4. Educational and Significant Experience Criteria. Coded
billets are authorized when the functions of the billet
include the CSR competencies listed above (in paragraph 1).
For additional clarification regarding definition of
suffixes, refer to the NAVPERS 15839I, Vol 1.

Note: 'Proven' requires at least 18-month experience tour
in subspecialty coded billet or billet using the CSR of a
related subspecialty.

<table>
<thead>
<tr>
<th>Billet</th>
<th>Officer</th>
<th>Suffix</th>
<th>Definition</th>
<th>Notes</th>
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<tr>
<td></td>
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<td>C</td>
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<td>Doctor of Philosophy</td>
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<td>Proven Master’s Degree that does not meet all ESRs</td>
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<td>G</td>
<td>Master’s Degree that does not meet all ESRs</td>
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<td>H</td>
<td>Master’s Degree desired, not required</td>
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<td></td>
<td>L</td>
<td>Certificate degree at the Master’s level</td>
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<td>S</td>
<td>Significant Experience obtained through OJT</td>
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</table>

12. Sponsor and Subject Matter Experts:

Sponsor: VADM William H. Hilarides, Naval Sea Systems Command

Subject Matter Expert: RDML Christian Becker, PEO Space Systems

Action Officer SME: CDR Jason Pratt, PMW 146 (jason.w.pratt@navy.mil)

APPROVED: 
Major Area Sponsor [DATE]

APPROVED: 
Director, TFMTE (OPNAV N12) [DATE]