To:    Distribution
From:  K. W. Greene
Date:  6 March 1970
Subject: Notes on the Mainline Apollo SCB Meeting #36, Held at MSC on 4 March 1970.

The following action was taken on the COLOSSUS PCR/PCNs:

<table>
<thead>
<tr>
<th>PCR/PCN #</th>
<th>Effectivity</th>
<th>Title</th>
<th>Action</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR 305</td>
<td>2E</td>
<td>V47 to Swap Vectors.</td>
<td>Disapproved</td>
<td></td>
</tr>
<tr>
<td>PCR 315.1</td>
<td>2E</td>
<td>Channel 77 Modifications.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 929</td>
<td>2E</td>
<td>Colossus POODOO's Terminate Guidance.</td>
<td>Disapproved</td>
<td></td>
</tr>
<tr>
<td>PCR 995</td>
<td>2E</td>
<td>Check ENGONFLAG, not SPS ENGON Outbit.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 1003</td>
<td>2E</td>
<td>Section 3 Editorial Changes.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 1020</td>
<td>2E</td>
<td>Change Initial TVCEXEC Delay.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 1000</td>
<td>2E</td>
<td>Earth Radius at Launch Pad.</td>
<td>Disapproved</td>
<td></td>
</tr>
</tbody>
</table>

The following action was taken on the LUMINARY PCR/PCNs:

| PCR 303   | 1D          | DAP Change.                   | Approved     |          |

No alarm required. This change should also protect the AGS/PGNCS switch. The change should be implemented to check AVERAGEG rather than MODREG.
<table>
<thead>
<tr>
<th>PCR/PCN #</th>
<th>Effectivity</th>
<th>Title</th>
<th>Action</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR 304</td>
<td>1D</td>
<td>Implement Apriori Terrain Profile.</td>
<td>Disapproved</td>
<td>Replaced by PCR 1027.</td>
</tr>
<tr>
<td>PCR 306</td>
<td>1D</td>
<td>Add $\Delta V_M$ to Descent/Ascent Downlist.</td>
<td>Approved</td>
<td>Word 78 should be utilized (See PCR 314).</td>
</tr>
<tr>
<td>PCR 307</td>
<td>1D</td>
<td>Lunar Surface Align Downlist Change.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 314</td>
<td>1D</td>
<td>Downlist Changes for Powered Descent.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 315.2</td>
<td>1D</td>
<td>Channel 77 Modifications.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 998</td>
<td>1D</td>
<td>Non-repeating 511 Alarms.</td>
<td>Disapproved</td>
<td>Replaced by PCR 1022.</td>
</tr>
<tr>
<td>PCR 1012</td>
<td>1D</td>
<td>Multiple Servicers in P66.</td>
<td>Approved</td>
<td>Items 1 and 2 under description of change (para. 1.6) were approved for Luminary 1D. Items 3 and 4 were disapproved.</td>
</tr>
<tr>
<td>PCR 1013</td>
<td>1C</td>
<td>Multiple Servicer Avoid. in P66.</td>
<td>Approved</td>
<td>The decision as to whether or not to fly this change on Apollo 13 will be made by 3/17/70.</td>
</tr>
<tr>
<td>PCR 1021</td>
<td>1D</td>
<td>Fixed Memory Landing Radar Transformation Matrices.</td>
<td>Approved</td>
<td></td>
</tr>
<tr>
<td>PCR 1022</td>
<td>1D</td>
<td>Landing Radar Position Alarms.</td>
<td>Approved</td>
<td>The 522 alarm was eliminated.</td>
</tr>
</tbody>
</table>
**PCR/PCN #** | **Effectivity** | **Title** | **Action** | **Comments**
--- | --- | --- | --- | ---
PCN 1023 | 1C | Coding Changes to Fix Anomalies L-1B-03 and L-1B-10. | Approved | GSOP Change only.
PCR 1025 | 1D | Remove Gravity Computation after Landing Radar Altitude Update. | Approved |
PCR 1027 | 1D | A-priori Terrain Models. | Approved | Termination point of the model (in relationship to the landing site) should be investigated.
PCR 1028 | 1D | Two-segment Altitude Weighting Functions for Landing Maneuvers. | Approved |

**Very truly yours,**

K. W. Greene

**Distribution:**

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