16565 - WFC3 UVIS Bowtie Monitor
Cycle: 29, Proposal Category: CAL/WFC3
(Availability Mode: RESTRICTED)

INVESTIGATORS

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-Mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Harish Khandrika (PI)</td>
<td>Space Telescope Science Institute</td>
<td><a href="mailto:hkhandrika@stsci.edu">hkhandrika@stsci.edu</a></td>
</tr>
<tr>
<td>Dr. Sylvia M. Baggett (CoI)</td>
<td>Space Telescope Science Institute</td>
<td><a href="mailto:sbaggett@stsci.edu">sbaggett@stsci.edu</a></td>
</tr>
<tr>
<td>Aidan Pidgeon (CoI)</td>
<td>Space Telescope Science Institute</td>
<td><a href="mailto:apidgeon@stsci.edu">apidgeon@stsci.edu</a></td>
</tr>
</tbody>
</table>

VISITS

<table>
<thead>
<tr>
<th>Visit</th>
<th>Targets used in Visit</th>
<th>Configurations used in Visit</th>
<th>Orbits Used</th>
<th>Last Orbit Planner Run</th>
<th>OP Current with Visit?</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:00.0</td>
<td>yes</td>
</tr>
<tr>
<td>02</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:00.0</td>
<td>yes</td>
</tr>
<tr>
<td>03</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:01.0</td>
<td>yes</td>
</tr>
<tr>
<td>04</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:01.0</td>
<td>yes</td>
</tr>
<tr>
<td>05</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:02.0</td>
<td>yes</td>
</tr>
<tr>
<td>06</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:02.0</td>
<td>yes</td>
</tr>
<tr>
<td>07</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:03.0</td>
<td>yes</td>
</tr>
<tr>
<td>08</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:03.0</td>
<td>yes</td>
</tr>
<tr>
<td>09</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:03.0</td>
<td>yes</td>
</tr>
<tr>
<td>10</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:04.0</td>
<td>yes</td>
</tr>
<tr>
<td>11</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:04.0</td>
<td>yes</td>
</tr>
<tr>
<td>12</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:04.0</td>
<td>yes</td>
</tr>
<tr>
<td>Visit</td>
<td>Targets used in Visit</td>
<td>Configurations used in Visit</td>
<td>Orbits Used</td>
<td>Last Orbit Planner Run</td>
<td>OP Current with Visit?</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>------------------------------</td>
<td>-------------</td>
<td>------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>13</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:05.0</td>
<td>yes</td>
</tr>
<tr>
<td>14</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:05.0</td>
<td>yes</td>
</tr>
<tr>
<td>15</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:06.0</td>
<td>yes</td>
</tr>
<tr>
<td>16</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:06.0</td>
<td>yes</td>
</tr>
<tr>
<td>17</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:06.0</td>
<td>yes</td>
</tr>
<tr>
<td>18</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:07.0</td>
<td>yes</td>
</tr>
<tr>
<td>19</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:07.0</td>
<td>yes</td>
</tr>
<tr>
<td>20</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:08.0</td>
<td>yes</td>
</tr>
<tr>
<td>21</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:08.0</td>
<td>yes</td>
</tr>
<tr>
<td>22</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:08.0</td>
<td>yes</td>
</tr>
<tr>
<td>23</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:09.0</td>
<td>yes</td>
</tr>
<tr>
<td>24</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:09.0</td>
<td>yes</td>
</tr>
<tr>
<td>25</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:10.0</td>
<td>yes</td>
</tr>
<tr>
<td>26</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:10.0</td>
<td>yes</td>
</tr>
<tr>
<td>27</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:10.0</td>
<td>yes</td>
</tr>
<tr>
<td>28</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:11.0</td>
<td>yes</td>
</tr>
<tr>
<td>29</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:11.0</td>
<td>yes</td>
</tr>
<tr>
<td>30</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:12.0</td>
<td>yes</td>
</tr>
<tr>
<td>31</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:12.0</td>
<td>yes</td>
</tr>
<tr>
<td>32</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:12.0</td>
<td>yes</td>
</tr>
<tr>
<td>33</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:13.0</td>
<td>yes</td>
</tr>
<tr>
<td>34</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:13.0</td>
<td>yes</td>
</tr>
<tr>
<td>35</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:14.0</td>
<td>yes</td>
</tr>
<tr>
<td>36</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:14.0</td>
<td>yes</td>
</tr>
<tr>
<td>37</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:14.0</td>
<td>yes</td>
</tr>
<tr>
<td>Visit</td>
<td>Targets used in Visit</td>
<td>Configurations used in Visit</td>
<td>Orbits Used</td>
<td>Last Orbit Planner Run</td>
<td>OP Current with Visit?</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>-------------------------------</td>
<td>-------------</td>
<td>------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>38</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:15.0</td>
<td>yes</td>
</tr>
<tr>
<td>39</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:15.0</td>
<td>yes</td>
</tr>
<tr>
<td>40</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:16.0</td>
<td>yes</td>
</tr>
<tr>
<td>41</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:16.0</td>
<td>yes</td>
</tr>
<tr>
<td>42</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:16.0</td>
<td>yes</td>
</tr>
<tr>
<td>43</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:17.0</td>
<td>yes</td>
</tr>
<tr>
<td>44</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:17.0</td>
<td>yes</td>
</tr>
<tr>
<td>45</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:17.0</td>
<td>yes</td>
</tr>
<tr>
<td>46</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:18.0</td>
<td>yes</td>
</tr>
<tr>
<td>47</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:18.0</td>
<td>yes</td>
</tr>
<tr>
<td>48</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:19.0</td>
<td>yes</td>
</tr>
<tr>
<td>49</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:19.0</td>
<td>yes</td>
</tr>
<tr>
<td>50</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:19.0</td>
<td>yes</td>
</tr>
<tr>
<td>51</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:20.0</td>
<td>yes</td>
</tr>
<tr>
<td>52</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:20.0</td>
<td>yes</td>
</tr>
<tr>
<td>53</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:21.0</td>
<td>yes</td>
</tr>
<tr>
<td>54</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:21.0</td>
<td>yes</td>
</tr>
<tr>
<td>55</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:21.0</td>
<td>yes</td>
</tr>
<tr>
<td>56</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:22.0</td>
<td>yes</td>
</tr>
<tr>
<td>57</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:23.0</td>
<td>yes</td>
</tr>
<tr>
<td>58</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:23.0</td>
<td>yes</td>
</tr>
<tr>
<td>59</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:23.0</td>
<td>yes</td>
</tr>
<tr>
<td>60</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:24.0</td>
<td>yes</td>
</tr>
<tr>
<td>61</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:24.0</td>
<td>yes</td>
</tr>
<tr>
<td>62</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:25.0</td>
<td>yes</td>
</tr>
<tr>
<td>Visit</td>
<td>Targets used in Visit</td>
<td>Configurations used in Visit</td>
<td>Orbits Used</td>
<td>Last Orbit Planner Run</td>
<td>OP Current with Visit?</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>------------------------------</td>
<td>-------------</td>
<td>------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>63</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:25.0</td>
<td>yes</td>
</tr>
<tr>
<td>64</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:25.0</td>
<td>yes</td>
</tr>
<tr>
<td>65</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:26.0</td>
<td>yes</td>
</tr>
<tr>
<td>66</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:26.0</td>
<td>yes</td>
</tr>
<tr>
<td>67</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:26.0</td>
<td>yes</td>
</tr>
<tr>
<td>68</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:27.0</td>
<td>yes</td>
</tr>
<tr>
<td>69</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:27.0</td>
<td>yes</td>
</tr>
<tr>
<td>70</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:28.0</td>
<td>yes</td>
</tr>
<tr>
<td>71</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:28.0</td>
<td>yes</td>
</tr>
<tr>
<td>72</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:28.0</td>
<td>yes</td>
</tr>
<tr>
<td>73</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:29.0</td>
<td>yes</td>
</tr>
<tr>
<td>74</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:29.0</td>
<td>yes</td>
</tr>
<tr>
<td>75</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:30.0</td>
<td>yes</td>
</tr>
<tr>
<td>76</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:30.0</td>
<td>yes</td>
</tr>
<tr>
<td>77</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:30.0</td>
<td>yes</td>
</tr>
<tr>
<td>78</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:31.0</td>
<td>yes</td>
</tr>
<tr>
<td>79</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:31.0</td>
<td>yes</td>
</tr>
<tr>
<td>80</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:32.0</td>
<td>yes</td>
</tr>
<tr>
<td>81</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:32.0</td>
<td>yes</td>
</tr>
<tr>
<td>82</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:32.0</td>
<td>yes</td>
</tr>
<tr>
<td>83</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:33.0</td>
<td>yes</td>
</tr>
<tr>
<td>84</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:34.0</td>
<td>yes</td>
</tr>
<tr>
<td>85</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:34.0</td>
<td>yes</td>
</tr>
<tr>
<td>86</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:34.0</td>
<td>yes</td>
</tr>
<tr>
<td>87</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:35.0</td>
<td>yes</td>
</tr>
<tr>
<td>Visit</td>
<td>Targets used in Visit</td>
<td>Configurations used in Visit</td>
<td>Orbits Used</td>
<td>Last Orbit Planner Run</td>
<td>OP Current with Visit?</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------</td>
<td>------------------------------</td>
<td>-------------</td>
<td>------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>88</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:35.0</td>
<td>yes</td>
</tr>
<tr>
<td>89</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:36.0</td>
<td>yes</td>
</tr>
<tr>
<td>90</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:36.0</td>
<td>yes</td>
</tr>
<tr>
<td>91</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:36.0</td>
<td>yes</td>
</tr>
<tr>
<td>92</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:37.0</td>
<td>yes</td>
</tr>
<tr>
<td>93</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:37.0</td>
<td>yes</td>
</tr>
<tr>
<td>94</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:38.0</td>
<td>yes</td>
</tr>
<tr>
<td>95</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:38.0</td>
<td>yes</td>
</tr>
<tr>
<td>96</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:38.0</td>
<td>yes</td>
</tr>
<tr>
<td>97</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:39.0</td>
<td>yes</td>
</tr>
<tr>
<td>98</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:39.0</td>
<td>yes</td>
</tr>
<tr>
<td>99</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:40.0</td>
<td>yes</td>
</tr>
<tr>
<td>0A</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:40.0</td>
<td>yes</td>
</tr>
<tr>
<td>0B</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:41.0</td>
<td>yes</td>
</tr>
<tr>
<td>0C</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:41.0</td>
<td>yes</td>
</tr>
<tr>
<td>0D</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:41.0</td>
<td>yes</td>
</tr>
<tr>
<td>0E</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:42.0</td>
<td>yes</td>
</tr>
<tr>
<td>0F</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:42.0</td>
<td>yes</td>
</tr>
<tr>
<td>0G</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:43.0</td>
<td>yes</td>
</tr>
<tr>
<td>0H</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:43.0</td>
<td>yes</td>
</tr>
<tr>
<td>0I</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:43.0</td>
<td>yes</td>
</tr>
<tr>
<td>0J</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:44.0</td>
<td>yes</td>
</tr>
<tr>
<td>0K</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:44.0</td>
<td>yes</td>
</tr>
<tr>
<td>0L</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:45.0</td>
<td>yes</td>
</tr>
<tr>
<td>0M</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS</td>
<td>1</td>
<td>30-Jun-2021 15:03:45.0</td>
<td>yes</td>
</tr>
</tbody>
</table>
The UVIS detector occasionally exhibits low-level (~1%) quantum efficiency offsets (i.e. hysteresis) across both chips. This is known as the 'bowtie' effect, due to the unique pattern that results in the image ratios and was revealed during thermal vacuum testing. Ground tests found that this hysteresis could be negated by overexposing the detector to several times the full well amount. In order to detect and mitigate UVIS hysteresis on
orbit, a multi-cycle 'bowtie monitoring' program was created. Similar to past bowtie monitoring programs, each visit of this program acquires a set of three 3x3 binned internal tungsten flatfields. The first image is unsaturated in order to identify hysteresis, the second image is saturated to neutralize any quantum efficiency offsets, and the third image is unsaturated to provide an estimate of how well the hysteresis was removed.

**OBSERVING DESCRIPTION**

Three UVIS internal tungsten flat field images are obtained using the F475X filter. This filter is utilized for (1) its high throughput, (2) its bandpass (<700nm), which is known to mitigate hysteresis and (3) its status as a low-priority filter for science observations. The three images are assembled into a single visit that is executed every three days: (1) an unsaturated image used as a check for hysteresis features, (2) a saturated 'QE pinning' exposure that is used to fill traps and mitigate QE offsets, and (3) an additional unsaturated image used to assess the hysteresis removal efficiency.

Data analysis will include inspecting unsaturated frames and image ratios, identifying trends in image ratios over time, quantifying the efficiency of the neutralizing exposure, and investigating anomalies.

--------- Additional Comments --------

The first visit of this proposal occurs on 2021-11-06 as a continuation of the preceding bowtie monitoring program (16393) whose last visit occurs 2 days prior. This proposal ends 2022-11-05.
## Proposal 16565 - Visit 01 - WFC3 UVIS Bowtie Monitor

**Visit**

Proposal 16565, Visit 01  
Diagnostic Status: Warning  
Scientific Instruments: WFC3/UVIS  
Special Requirements: BETWEEN 06-NOV-2021:00:00:00 AND 07-NOV-2021:00:00:00

**Diagnostics**

(initial check (01.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser  
(neutralizer (01.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser  
(final check (01.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 01</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 01</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 01</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

*Orbit 1*  
Exp. 1  
Unused Orbital Visibility = 3142  
Exp. 2  
Exp. 3  
Reconfig  
Occultation

Server Version: 20210514
Visit
Proposal 16565, Visit 02
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 09-NOV-2021:00:00:00 AND 10-NOV-2021:00:00:00

Diagnostics
(initial check (02.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (02.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (02.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In t in Visit 02</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In t in Visit 02</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In t in Visit 02</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
**Diagnostics**

(initial check (03.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (03.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (03.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 03</td>
<td>sequence 1-3 Non-Int in Visit 03</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 03</td>
<td>sequence 1-3 Non-Int in Visit 03</td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 03</td>
<td>sequence 1-3 Non-Int in Visit 03</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 04 - WFC3 UVIS Bowtie Monitor

Visit
- Proposal 16565, Visit 04
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 15-NOV-2021:00:00:00 AND 16-NOV-2021:00:00:00

Diagnostics
(initial check (04.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (04.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (04.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 04</td>
<td>1.0 Secs (1 Secs)</td>
<td>[ ] 1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 04</td>
<td>200.0 Secs (200 Secs)</td>
<td>[ ] 1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 04</td>
<td>1.0 Secs (1 Secs)</td>
<td>[ ] 1</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

- Unused Orbital Visibility = 3142
- Occultation

Server Version: 20210514
**Proposal 16565 - Visit 05 - WFC3 UVIS Bowtie Monitor**

- **Visit**
  - Proposal 16565, Visit 05
  - Diagnostic Status: Warning
  - Scientific Instruments: WFC3/UVIS
  - Special Requirements: BETWEEN 18-NOV-2021:00:00:00 AND 19-NOV-2021:00:00:00

- **Diagnostics**
  - (initial check (05.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
  - (neutralizer (05.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
  - (final check (05.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

- **Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 05</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 05</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 05</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

- **Orbit Structure**

  - Orbit 1
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig

  - Occultation

  - Server Version: 20210514
### Diagnostics

(initial check (06.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (06.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (06.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 06</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 06</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 06</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Server Version: 20210514

Unused Orbital Visibility = 3142

Exp. 1

Exp. 2

Exp. 3

Occultation
## Proposal 16565 - Visit 07 - WFC3 UVIS Bowtie Monitor

### Visit Details
- **Proposal 16565, Visit 07**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 24-NOV-2021:00:00:00 AND 25-NOV-2021:00:00:00

### Diagnostics
- **Diagnostics**
  - (initial check (07.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
  - (neutralizer (07.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
  - (final check (07.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 07</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 07</td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 07</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>

### Orbit Structure
- **Orbit 1**
  - **Exp. 1**
    - Unused Orbital Visibility = 3142
  - **Exp. 2**
  - **Exp. 3**
  - **Reconfig**
- **Occultation**

**Server Version:** 20210514
Proposal 16565 - Visit 08 - WFC3 UVIS Bowtie Monitor

Visit

Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 27-NOV-2021:00:00:00 AND 28-NOV-2021:00:00:00

Diagnostics

(initial check (08.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (08.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (08.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 08</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 08</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 08</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
Diagnostics

(initial check (09.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (09.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (09.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
**Proposal 16565 - Visit 10 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 10
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 03-DEC-2021:00:00:00 AND 04-DEC-2021:00:00:00

**Diagnostics**

(initial check (10.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (10.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (10.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 10</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 10</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 10</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- Unused Orbital Visibility = 3142
- Occultation

Server Version: 20210514
Proposal 16565 - Visit 11 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 11
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 06-DEC-2021:00:00:00 AND 07-DEC-2021:00:00:00

Diagnostics
(initial check (11.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (11.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (11.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures
1 initial check TUNGSTEN WFC3/UVIS, ACCUM, UVIS F475X BIN=3 Sequence 1-3 Non-Init in Visit 11
2 neutralizer TUNGSTEN WFC3/UVIS, ACCUM, UVIS F475X BIN=3 200.0 Secs (200 Secs)
3 final check TUNGSTEN WFC3/UVIS, ACCUM, UVIS F475X BIN=3 1.0 Secs (1 Secs)

Orbit Structure

Server Version: 20210514
Proposal 16565 - Visit 12 - WFC3 UVIS Bowtie Monitor

Visit

Proposal 16565, Visit 12
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 09-DEC-2021:00:00:00 AND 10-DEC-2021:00:00:00

Diagnostics

(Initial check (12.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(Neutralizer (12.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(Final check (12.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 12</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 12</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 12</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142

Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
Proposal 16565 - Visit 13 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 13
Diagnostics Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 12-DEC-2021:00:00:00 AND 13-DEC-2021:00:00:00

Diagnostics
(initial check (13.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (13.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (13.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
### Proposal 16565 - Visit 14 - WFC3 UVIS Bowtie Monitor

#### Visit
- Proposal 16565, Visit 14
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 15-DEC-2021:00:00:00 AND 16-DEC-2021:00:00:00

#### Diagnostics

(initial check (14.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (14.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (14.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

#### Exposures

|----|-------------|--------------|----------------------|---------------|--------------|---------------|-----------------------------|--------------------------------|-------|
| 1  | initial check | TUNGSTEN     | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Inst in Visit 14 | 1.0 Secs (1 Secs) | ![image](image)
| 2  | neutralizer | TUNGSTEN     | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Inst in Visit 14 | 200.0 Secs (200 Secs) | ![image](image)
| 3  | final check | TUNGSTEN     | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Inst in Visit 14 | 1.0 Secs (1 Secs) | ![image](image) |
Diagnostics

(initial check (15.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (15.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (15.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 15</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 15</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 15</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>
(initial check (16.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (16.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (16.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 16</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 16</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 16</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>
Visit 17

Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 24-DEC-2021:00:00:00 AND 25-DEC-2021:00:00:00

Diagnostics

(initial check (17.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (17.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (17.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 17</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 17</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 17</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1

Exp. 1

Unused Orbital Visibility = 3142

Exp. 2

Exp. 3

Reconfig

Occultation

Server Version: 20210514
**Proposal 16565 - Visit 18 - WFC3 UVIS Bowtie Monitor**

**Visit**
- **Proposal 16565, Visit 18**
- **Diagnostic Status: Warning**
- **Scientific Instruments: WFC3/UVIS**
- **Special Requirements: BETWEEN 27-DEC-2021:00:00:00 AND 28-DEC-2021:00:00:00**

**Diagnostics**
- (initial check (18.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (neutralizer (18.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (final check (18.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 18</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 18</td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 18</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
- **Unused Orbital Visibility = 3142**
- **Exp. 1**
- **Exp. 2**
- **Exp. 3**
- **Reconfig**

- **Occultation**
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 30-DEC-2021:00:00:00 AND 31-DEC-2021:00:00:00

Diagnostics:
(initial check (19.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (19.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (19.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 19</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 19</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 19</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>
Visit
Proposal 16565, Visit 20
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 02-JAN-2022:00:00:00 AND 03-JAN-2022:00:00:00

Diagnostics
(initial check (20.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (20.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (20.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 20</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 20</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 20</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Diagnostics

(initial check (21.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (21.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (21.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 21</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 21</td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 21</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 22 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (22.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (22.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (22.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 22</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 22</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 22</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514
Visit 23 - WFC3 UVIS Bowtie Monitor

---

**Diagnostics**

(initial check (23.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (23.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (23.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 23</td>
<td>1.0 Secs  (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 23</td>
<td>200.0 Secs  (200 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 23</td>
<td>1.0 Secs  (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

---

**Proposal 16565 - Visit 23 - WFC3 UVIS Bowtie Monitor**

---

**Orbit Structure**

---

**Server Version: 20210514**

---

**Visit 23**

**Diagnostic Status:** Warning

**Special Instruments:** WFC3/UVIS

**Special Requirements:** ON HOLD

**On Hold Comments:** For contingency use only.
Visit 16565, Visit 24

Scientific Instruments: WFC3/UVIS
Special Requirements: ON HOLD
On Hold Comments: For contingency use only.

Diagnostics

(initial check (24.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (24.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (24.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 24</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 24</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 24</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 25 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (25.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (25.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (25.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 25</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 25</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 25</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>
**Proposal 16565 - Visit 26 - WFC3 UVIS Bowtie Monitor**

**Visit**

- **Proposal 16565, Visit 26**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** ON HOLD
- **On Hold Comments:** For contingency use only.

**Diagnostics**

(initial check (26.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (26.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (26.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 26</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 26</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 26</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

**Server Version:** 20210514

---

**Orbit Structure**

- **Orbit 1**
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

---

**Proposal 16565, Visit 26**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** ON HOLD

**On Hold Comments:** For contingency use only.
Proposal 16565 - Visit 27 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 27
Scientific Instruments: WFC3/UVIS
Special Requirements: ON HOLD

On Hold Comments: For contingency use only.

Diagnostics
(initial check (27.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (27.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (27.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 27</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 27</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 27</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
## Proposal 16565 - Visit 28 - WFC3 UVIS Bowtie Monitor

**Visit:**
- **Diagnosis Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** ON HOLD
  - **On Hold Comments:** For contingency use only.

### Diagnostics
- **(initial check (28.001))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(neutralizer (28.002))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(final check (28.003))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 28</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 28</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 28</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

**Orbit 1**
- Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig

**Occultation**

**Server Version: 20210514**
**Proposal 16565 - Visit 29 - WFC3 UVIS Bowtie Monitor**

### Visit
**Proposal 16565, Visit 29**
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: ON HOLD
On Hold Comments: For contingency use only.

### Diagnostics
(initial check (29.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (29.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (29.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 29</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 29</td>
<td>200.0 Secs (200 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 29</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig

**Server Version: 20210514**

---

36
**Proposal 16565 - Visit 30 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 30
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 08-JAN-2022:00:00:00 AND 09-JAN-2022:00:00:00

**Diagnostics**

(initial check (30.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (30.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (30.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 30</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 30</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 30</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Exp. 1
  - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

**Server Version:** 20210514
### Visit 31 - WFC3 UVIS Bowtie Monitor

**Diagnostics**

(initial check (31.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (31.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (31.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 31</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 31</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 31</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 32 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 32
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 14-JAN-2022:00:00:00 AND 15-JAN-2022:00:00:00

Diagnostics
(initial check (32.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (32.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (32.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 32</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 32</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 32</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1

Exp. 2

Exp. 3

Reconfig

Occultation
Visit 33 of Proposal 16565

Diagnostics

(initial check (33.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (33.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (33.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 33</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image1.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 33</td>
<td>200.0 Secs (200 Secs)</td>
<td><img src="image2.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 33</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image3.png" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>
### Proposal 16565 - Visit 34 - WFC3 UVIS Bowtie Monitor

**Visit** | Proposal 16565, Visit 34
---|---
**Diagnostic Status:** Warning
**Scientific Instruments:** WFC3/UVIS
**Special Requirements:** BETWEEN 20-JAN-2022:00:00:00 AND 21-JAN-2022:00:00:00

**Diagnostics**

(initial check (34.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (34.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (34.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

### Exposures

|----|-------------|------------|------------------------|---------------|--------------|---------------|--------|--------------------------------|-------|
| 1  | initial check | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X        | BIN=3        | Sequence 1-3 Non-Init in Visit 34 | 1.0 Secs (1 Secs) | ![Image](image)
| 2  | neutralizer  | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X        | BIN=3        | Sequence 1-3 Non-Init in Visit 34 | 200.0 Secs (200 Secs) | ![Image](image)
| 3  | final check  | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X        | BIN=3        | Sequence 1-3 Non-Init in Visit 34 | 1.0 Secs (1 Secs) | ![Image](image)

**Orbit Structure**

**Orbit 1**

Exp. 1

Unused Orbital Visibility = 3142

Exp. 2

Exp. 3

Reconfig

[Image](image)

**Server Version:** 20210514
### Proposal 16565 - Visit 35 - WFC3 UVIS Bowtie Monitor

**Visit**
- **Proposal 16565, Visit 35**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 23-JAN-2022:00:00:00 AND 24-JAN-2022:00:00:00

**Orbit Structure**

![Orbit Structure](image)

**Diagnostics**

(initial check (35.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (35.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (35.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 35</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image" alt="forrow" /></td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 35</td>
<td>200.0 Secs (200 Secs)</td>
<td><img src="image" alt="forrow" /></td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 35</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image" alt="forrow" /></td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Exposures**

![Exposures](image)
Proposal 16565 - Visit 36 - WFC3 UVIS Bowtie Monitor

**Visit**
Proposal 16565, Visit 36

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 26-JAN-2022:00:00:00 AND 27-JAN-2022:00:00:00

---

**Diagnostics**

(initial check (36.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (36.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (36.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 36</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 36</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 36</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Orbit 1

Unused Orbital Visibility = 3142

Exp. 1

Exp. 2

Exp. 3

Reconfig

Occultation

Server Version: 20210514

---

43
Diagnostics

(initial check (37.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (37.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (37.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 37</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 37</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 37</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
**Proposal 16565 - Visit 38 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 38
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 01-FEB-2022:00:00:00 AND 02-FEB-2022:00:00:00

**Diagnostic Status**
- Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Diagnostics**
- Initial check (38.001)
- Neutralizer (38.002)
- Final check (38.003)

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>200.0 Secs (200 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**
- Orbit 1
  - Exp. 1
  - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3

**Server Version: 20210514**

---

**Visit**
- Proposal 16565, Visit 38
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 01-FEB-2022:00:00:00 AND 02-FEB-2022:00:00:00

**Diagnostic Status**
- Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Diagnostics**
- Initial check (38.001)
- Neutralizer (38.002)
- Final check (38.003)

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>200.0 Secs (200 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 38</td>
<td>1.0 Secs (1 Secs)</td>
<td>![1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**
- Orbit 1
  - Exp. 1
  - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3

**Server Version: 20210514**
**Proposal 16565 - Visit 39 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 39
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 04-FEB-2022:00:00:00 AND 05-FEB-2022:00:00:00

**Diagnostics**
- (initial check (39.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (39.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (39.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Inst in Visit 39</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Inst in Visit 39</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Inst in Visit 39</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Unused Orbital Visibility = 3142

---

**Server Version: 20210514**

---

46
Visit
Proposal 16565, Visit 40
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 07-FEB-2022:00:00:00 AND 08-FEB-2022:00:00:00

Diagnostics
(initial check (40.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (40.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (40.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 40</td>
<td>1.0 Secs / (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 40</td>
<td>200.0 Secs / (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 40</td>
<td>1.0 Secs / (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Proposal 16565 - Visit 41 - WFC3 UVIS Bowtie Monitor

Visit

Proposal 16565, Visit 41
Diagnostics Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 10-FEB-2022:00:00:00 AND 11-FEB-2022:00:00:00

Diagnostics

(initial check (41.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (41.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (41.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Init in Visit 41</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Init in Visit 41</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-Init in Visit 41</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 13-FEB-2022:00:00:00 AND 14-FEB-2022:00:00:00

Diagnostics

(initial check (42.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (42.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (42.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 42</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 42</td>
<td></td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 42</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 43 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 43
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 16-FEB-2022:00:00:00 AND 17-FEB-2022:00:00:00

Diagnostics
(initial check (43.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (43.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (43.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 43</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 43</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 43</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
**Diagnostics**

(initial check (44.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (44.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (44.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 44</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 44</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 44</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

*Server Version: 20210514*
Visit 45 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (45.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (45.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (45.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 45</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 45</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 45</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure
### Proposal 16565 - Visit 46 - WFC3 UVIS Bowtie Monitor

**Visit**
- Proposal 16565, Visit 46
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 25-FEB-2022:00:00:00 AND 26-FEB-2022:00:00:00

---

#### Diagnostics

Diagnostics

(initial check (46.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (46.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (46.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 46</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 46</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 46</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

#### Orbit Structure

[Image of Orbit Structure]

- Orbit 1
- Unused Orbital Visibility = 3142
- Exp. 1
- Exp. 2
- Exp. 3
- Reconfig
- Occultation

Server Version: 20210514
Diagnostics

(Initial check (47.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(Neutralizer (47.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(Final check (47.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 47</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 47</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 47</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

Orbit Structure

Server Version: 20210514
Proposal 16565 - Visit 48 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 48
Diagnostics Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 03-MAR-2022:00:00:00 AND 04-MAR-2022:00:00:00

Wed Jun 30 19:03:55 GMT 2021

Diagnostics
(initial check (48.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (48.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (48.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 48</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 48</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 48</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142

Server Version: 20210514
Diagnosis Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 06-MAR-2022:00:00:00 AND 07-MAR-2022:00:00:00

Diagnostics:

(initial check (49.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (49.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (49.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 49</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 49</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 49</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>
Diagnostics

(initial check (50.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (50.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (50.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
Visit 51 - WFC3 UVIS Bowtie Monitor

Proposal 16565, Visit 51
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 12-MAR-2022:00:00:00 AND 13-MAR-2022:00:00:00

Diagnostics
(initial check (51.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (51.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (51.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In-t in Visit 51</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In-t in Visit 51</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Special Reqs.</td>
<td>Sequence 1-3 Non-In-t in Visit 51</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit 1

Unused Orbital Visibility = 3142

Exp. 1
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
Visit 52 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (52.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (52.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (52.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 52</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 52</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 52</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Visit 53 - WFC3 UVIS Bowtie Monitor

### Diagnostic Status: Warning

**Scientific Instruments:** WFC3/UVIS  
**Special Requirements:** BETWEEN 18-MAR-2022:00:00 AND 19-MAR-2022:00:00

**Diagnostics**

- **(initial check (53.001))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(neutralizer (53.002))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(final check (53.003))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 53</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 53</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 53</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

### Orbit Structure

- **Orbit 1**
  - Exp. 1
  - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

**Server Version: 20210514**
Visit 54 - WFC3 UVIS Bowtie Monitor

Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 21-MAR-2022:00:00 AND 22-MAR-2022:00:00

Diagnostics
(initial check (54.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (54.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (54.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 54</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 54</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 54</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
## Visit 55 - WFC3 UVIS Bowtie Monitor

**Proposal 16565, Visit 55**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 24-MAR-2022:00:00 AND 25-MAR-2022:00:00

---

### Diagnostics

(Initial check (55.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(Neutralizer (55.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(Final check (55.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>in Visit 55</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>in Visit 55</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>in Visit 55</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit 1**

**Exp. 1**

Unused Orbital Visibility = 3142

**Exp. 2**

**Exp. 3**

Reconfig

---

**Occultation**

---

**Server Version: 20210514**

---

| Proposal 16565, Visit 55 | Wed Jun 30 19:03:56 GMT 2021 |
Proposal 16565 - Visit 56 - WFC3 UVIS Bowtie Monitor

Visit 56
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 27-MAR-2022:00:00:00 AND 28-MAR-2022:00:00:00

Diagnostics
(initial check (56.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (56.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (56.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 56</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 56</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 56</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Diagnostics

(initial check (57.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (57.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (57.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 57</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 57</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 57</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure
**Proposal 16565 - Visit 58 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 58
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 02-APR-2022:00:00:00 AND 03-APR-2022:00:00:00

**Diagnostics**
- (initial check (58.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (58.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (58.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 58</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 58</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 58</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Server Version: 20210514

---

65
(initial check (59.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (59.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (59.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
Visit 60 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (60.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (60.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (60.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 60</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 60</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 60</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Unused Orbital Visibility = 3142

Exp. 1
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
Visit 61 - WFC3 UVIS Bowtie Monitor

Proposal 16565 Visit 61

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 11-APR-2022:00:00:00 AND 12-APR-2022:00:00:00

Diagnostics

(initial check (61.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (61.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (61.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 61</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 61</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 61</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure
Diagnosis Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 14-APR-2022:00:00:00 AND 15-APR-2022:00:00:00

Diagnostics
(initial check (62.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (62.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (62.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
Visit 63 - WFC3 UVIS Bowtie Monitor

**Proposal 16565, Visit 63**

**Diagnostic Status**: Warning

**Scientific Instruments**: WFC3/UVIS

**Special Requirements**: BETWEEN 17-APR-2022:00:00:00 AND 18-APR-2022:00:00:00

---

**Diagnostics**

1. **Initial Check (63.001)**
   - Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

2. **Neutralizer (63.002)**
   - Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

3. **Final Check (63.003)**
   - Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 63</td>
<td>1.0 Secs  (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 63</td>
<td>200.0 Secs  (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 63</td>
<td>1.0 Secs  (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

**Orbit 1**

Unused Orbital Visibility = 3142

---

**Server Version: 20210514**
### Proposal 16565 - Visit 64 - WFC3 UVIS Bowtie Monitor

**Visit**

- **Proposal 16565, Visit 64**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 20-APR-2022:00:00:00 AND 21-APR-2022:00:00:00

### Diagnostics

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 64</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 64</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 64</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

### Exposures

- **Orbit Structure**
  - **Orbit 1**
    - Unused Orbital Visibility = 3142
    - Exp. 1
    - Exp. 2
    - Exp. 3
    - Reconfig
    - Occultation

  **Server Version:** 20210514
### Proposal 16565, Visit 65 - WFC3 UVIS Bowtie Monitor

**Visit 65**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 23-APR-2022:00:00:00 AND 24-APR-2022:00:00:00

---

#### Diagnostics

(initial check (65.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (65.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (65.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 65</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 65</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 65</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

#### Orbit Structure

**Server Version: 20210514**

---

[Image of orbit structure with three exposures and an occultation]
## Visit 66 - WFC3 UVIS Bowtie Monitor

**Proposal 16565, Visit 66**

*Diagnostic Status: Warning*

*Scientific Instruments: WFC3/UVIS*

*Special Requirements: BETWEEN 26-APR-2022:00:00:00 AND 27-APR-2022:00:00:00*

---

### Diagnostics

(initial check (66.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (66.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (66.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 66</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 66</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 66</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

### Orbit Structure

![Orbit Structure](image)

Unused Orbital Visibility = 3142

Exp. 1

Exp. 2

Exp. 3

Reconfig

Occultation

---

Server Version: 20210514
Diagnostics

(initial check (67.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (67.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (67.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 67</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 67</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 67</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>----</td>
<td>-------------</td>
<td>-------------</td>
<td>------------------------</td>
<td>---------------</td>
<td>--------------</td>
<td>---------------</td>
<td>--------</td>
<td>--------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 68</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image1.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 68</td>
<td>200.0 Secs (200 Secs)</td>
<td><img src="image2.png" alt="Image" /></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 68</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="image3.png" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 69 - WFC3 UVIS Bowtie Monitor

Visit

Proposal 16565, Visit 69

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 05-MAY-2022:00:00:00 AND 06-MAY-2022:00:00:00

Diagnostics

(initial check (69.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (69.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (69.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 69</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 69</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 69</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1

Server Version: 20210514

Server Version: 20210514

Occultation

unused orbital visibility = 3142

Server Version: 20210514

[Diagram of orbit and exposures]
**Proposal 16565 - Visit 70 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 70
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 08-MAY-2022:00:00:00 AND 09-MAY-2022:00:00:00

**Diagnostics**
- (initial check (70.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (70.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (70.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 70</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 70</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 70</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

- Unused Orbital Visibility = 3142
- Exp. 1
- Exp. 2
- Exp. 3
- Reconfig
- Occultation

**Server Version: 20210514**

![Orbit Structure Diagram](image-url)
## Proposal 16565 - Visit 71 - WFC3 UVIS Bowtie Monitor

**Visit**
- **Proposal 16565, Visit 71**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 11-MAY-2022:00:00:00 AND 12-MAY-2022:00:00:00

**Diagnostics**

(initial check (71.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (71.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (71.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 71</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 71</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 71</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

### Orbit Structure

**Orbit 1**
- Unused Orbital Visibility = 3142
- Exp. 1
- Exp. 2
- Exp. 3
- Reconfig

**Occultation**

**Server Version:** 20210514
### Proposal 16565 - Visit 72 - WFC3 UVIS Bowtie Monitor

#### Visit
- Proposal 16565, Visit 72
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 14-MAY-2022:00:00:00 AND 15-MAY-2022:00:00:00

#### Diagnostics
- (initial check (72.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (72.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (72.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 72</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 72</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 72</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

#### Orbit Structure
- Orbit 1

---

**Server Version:** 20210514
Diagnostics

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 73</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 73</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 73</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
### Proposal 16565 - Visit 74 - WFC3 UVIS Bowtie Monitor

**Visit**
- Proposal 16565, Visit 74
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 20-MAY-2022:00:00:00 AND 21-MAY-2022:00:00:00

**Diagnostics**
- (initial check (74.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (74.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (74.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 74</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 74</td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 74</td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- Orbit 1
  - Exp. 1
    - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
  - Reconfig

- Occultation

**Server Version:** 20210514
(initial check (75.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (75.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (75.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---|---------------|----------------|------------------------|---------------|--------------|---------------|----------------------------------|---------------------------------|-------|
1  | initial check | TUNGSTEN       | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Init in Visit 75 | 1.0 Secs (1 Secs)               | [1]   |
2  | neutralizer   | TUNGSTEN       | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Init in Visit 75 | 200.0 Secs (200 Secs)           | [1]   |
3  | final check   | TUNGSTEN       | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        | Sequence 1-3 Non-Init in Visit 75 | 1.0 Secs (1 Secs)               | [1]   |
Proposal 16565 - Visit 76 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 76
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 26-MAY-2022:00:00:00 AND 27-MAY-2022:00:00:00

Diagnostics
(initial check (76.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (76.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (76.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Initial in Visit 76</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Initial in Visit 76</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Initial in Visit 76</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Diagnostics

(initial check (77.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (77.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (77.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 78 - WFC3 UVIS Bowtie Monitor

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 01-JUN-2022:00:00:00 AND 02-JUN-2022:00:00:00

**Diagnostics**

(initial check (78.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (78.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (78.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 78</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 78</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In-t in Visit 78</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

[Diagram showing orbit structure with Exp. 1, Exp. 2, and Exp. 3]
### Visit
**Proposal 16565, Visit 79**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 04-JUN-2022:00:00:00 AND 05-JUN-2022:00:00:00

**Diagnostics**

(initial check (79.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (79.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (79.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 79</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 79</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 79</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
</tbody>
</table>

### Orbit Structure

Server Version: 20210514

---

86
Proposal 16565 - Visit 80 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 80
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 07-JUN-2022:00:00:00 AND 08-JUN-2022:00:00:00

Diagnostics
(initial check (80.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (80.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (80.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures
---|---------------|------------|------------------------|---------------|--------------|--------------|-------------------------------|-------------------------------|-------|
1  | initial check | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        |              | Sequence 1-3 Non-Inst in Visit 80 | 1.0 Secs (1 Secs)              | [1]   |
2  | neutralizer   | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        |              | Sequence 1-3 Non-Inst in Visit 80 | 200.0 Secs (200 Secs)          | [1]   |
3  | final check   | TUNGSTEN   | WFC3/UVIS, ACCUM, UVIS | F475X         | BIN=3        |              | Sequence 1-3 Non-Inst in Visit 80 | 1.0 Secs (1 Secs)              | [1]   |

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
Proposal 16565 - Visit 81 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 81
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 10-JUN-2022:00:00:00 AND 11-JUN-2022:00:00:00

Diagnostics
(initial check (81.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (81.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (81.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 81</td>
<td>1.0 Secs (1 Secs)</td>
<td>[==&gt;] [1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 81</td>
<td>200.0 Secs (200 Secs)</td>
<td>[==&gt;] [1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 81</td>
<td>1.0 Secs (1 Secs)</td>
<td>[==&gt;] [1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514

88
Proposal 16565 - Visit 82 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 82
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 13-JUN-2022:00:00:00 AND 14-JUN-2022:00:00:00

Diagnostics
(initial check (82.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (82.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (82.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 82</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 82</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Init in Visit 82</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514

89
Proposal 16565 - Visit 83 - WFC3 UVIS Bowtie Monitor

Visit

Diagnostics

**Diagnostics**

(initial check (83.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (83.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (83.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 83</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 83</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 83</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

Orbit Structure

**Orbit 1**

Unused Orbital Visibility = 3142

Exp. 1

Exp. 2

Exp. 3

Reconfig

Occultation

---

**Server Version: 20210514**
Proposal 16565 - Visit 84 - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (84.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (84.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (84.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 84</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 84</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 84</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
**Proposal 16565, Visit 85 - WFC3 UVIS Bowtie Monitor**

**Visit**
- Proposal 16565, Visit 85
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 22-JUN-2022:00:00:00 AND 23-JUN-2022:00:00:00

**Diagnostics**

(initial check (85.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (85.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (85.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Exp. 1
    - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
  - Reconfig

- **Occultation**

Server Version: 20210514
Proposal 16565 - Visit 86 - WFC3 UVIS Bowtie Monitor

Visit Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 25-JUN-2022:00:00:00 AND 26-JUN-2022:00:00:00

Diagnostics

(initial check (86.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (86.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (86.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 86</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 86</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 86</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Proposal 16565 - Visit 87 - WFC3 UVIS Bowtie Monitor

Visit 87
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 28-JUN-2022:00:00:00 AND 29-JUN-2022:00:00:00

Diagnostics

(initial check (87.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (87.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (87.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Intro in Visit 87</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Intro in Visit 87</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Intro in Visit 87</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 01-JUL-2022:00:00:00 AND 02-JUL-2022:00:00:00

Diagnostics

(initial check (88.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (88.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (88.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 88</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 88</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 88</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Proposal 16565 - Visit 89 - WFC3 UVIS Bowtie Monitor**

Visit Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 04-JUL-2022:00:00:00 AND 05-JUL-2022:00:00:00

---

### Diagnostics

- **(initial check (89.001)) Warning (Form):** FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(neutralizer (89.002)) Warning (Form):** FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- **(final check (89.003)) Warning (Form):** FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 89</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 89</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 89</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

**Server Version: 20210514**
Diagnostics

(initial check (90.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (90.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (90.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 90</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 90</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 90</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 91 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 91
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 10-JUL-2022:00:00:00 AND 11-JUL-2022:00:00:00

Diagnostics
(initial check (91.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (91.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (91.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 91</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 91</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 91</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514
Proposal 16565 - Visit 92 - WFC3 UVIS Bowtie Monitor

Visit 92
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 13-JUL-2022:00:00:00 AND 14-JUL-2022:00:00:00

**Diagnostics**

(initial check (92.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (92.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (92.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 92</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 92</td>
<td></td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 92</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

Server Version: 20210514

Server Version: 20210514
Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 16-JUL-2022:00:00:00 AND 17-JUL-2022:00:00:00

(initial check (93.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (93.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (93.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

**Diagnostics**

1. Initial check
   - Label: initial check
   - Target: TUNGSTEN
   - Config, Mode, Aperture: WFC3/UVIS, ACCUM, UVIS
   - Spectral Els.: F475X
   - Opt. Params.: BIN=3
   - Special Reqs.: Sequence 1-3 Non-Int in Visit 93
   - Exp. Time (Total)/[Actual Dur.]: 1.0 Secs (1 Secs)

2. Neutralizer
   - Label: neutralizer
   - Target: TUNGSTEN
   - Config, Mode, Aperture: WFC3/UVIS, ACCUM, UVIS
   - Spectral Els.: F475X
   - Opt. Params.: BIN=3
   - Special Reqs.: Sequence 1-3 Non-Int in Visit 93
   - Exp. Time (Total)/[Actual Dur.]: 200.0 Secs (200 Secs)

3. Final check
   - Label: final check
   - Target: TUNGSTEN
   - Config, Mode, Aperture: WFC3/UVIS, ACCUM, UVIS
   - Spectral Els.: F475X
   - Opt. Params.: BIN=3
   - Special Reqs.: Sequence 1-3 Non-Int in Visit 93
   - Exp. Time (Total)/[Actual Dur.]: 1.0 Secs (1 Secs)
Proposal 16565 - Visit 94 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 94
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 19-JUL-2022:00:00:00 AND 20-JUL-2022:00:00:00

Diagnostics
(initial check (94.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (94.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (94.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 94</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 94</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 94</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514
Proposal 16565 - Visit 95 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 95
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 22-JUL-2022:00:00:00 AND 23-JUL-2022:00:00:00

Diagnostics
(initial check (95.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (95.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (95.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 95</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 95</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 95</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142

Exp. 1
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
### Diagnostics

(initial check (96.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (96.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (96.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 96</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 96</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 96</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
### Visit 97 - WFC3 UVIS Bowtie Monitor

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 28-JUL-2022:00:00:00 AND 29-JUL-2022:00:00:00

---

#### Diagnostics

(initial check (97.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (97.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (97.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 97</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="https://via.placeholder.com/150" alt="image" /></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 97</td>
<td>200.0 Secs (200 Secs)</td>
<td><img src="https://via.placeholder.com/150" alt="image" /></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 97</td>
<td>1.0 Secs (1 Secs)</td>
<td><img src="https://via.placeholder.com/150" alt="image" /></td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Unseen Orbital Visibility = 3142

- Exp. 1
- Exp. 2
- Exp. 3
- Reconfig

---

**Occultation**

Server Version: 20210514
Proposal 16565 - Visit 98 - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 98
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 31-JUL-2022:00:00:00 AND 01-AUG-2022:00:00:00

Diagnostics
(initial check (98.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (98.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (98.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 98</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 98</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 98</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure
Visit 99 - WFC3 UVIS Bowtie Monitor

**Proposal 16565, Visit 99**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 03-AUG-2022:00:00:00 AND 04-AUG-2022:00:00:00

---

**Diagnostics**

(initial check (99.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (99.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (99.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

---

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 99</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 99</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 99</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

Server Version: 20210514
Visit 0A - WFC3 UVIS Bowtie Monitor

Proposal 16565 - Visit 0A

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 06-AUG-2022:00:00:00 AND 07-AUG-2022:00:00:00

Diagnoses

(initial check (0A.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0A.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0A.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0A</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0A</td>
<td></td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0A</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
## Proposal 16565 - Visit 0B - WFC3 UVIS Bowtie Monitor

**Visit**
- Proposal 16565, Visit 0B
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 09-AUG-2022:00:00:00 AND 10-AUG-2022:00:00:00

**Diagnostic Status**
- Warning
- Diagnostic Browser: See extended explanation

**Diagnostics**
- (initial check (0B.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (0B.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (0B.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0B</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0B</td>
<td></td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0B</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- Orbit 1
  - Exp. 1
    - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
  - Reconfig

- Occultation

---

Server Version: 20210514
Proposal 16565 - Visit 0C - WFC3/UVIS Bowtie Monitor

**Visit**
- Proposal 16565, Visit 0C
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 12-AUG-2022:00:00:00 AND 13-AUG-2022:00:00:00

**Diagnostics**
- (initial check (0C.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (0C.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (0C.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0C</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0C</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0C</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- Orbit 1
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

Server Version: 20210514
Proposal 16565 - Visit 0D - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 0D
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 15-AUG-2022:00:00:00 AND 16-AUG-2022:00:00:00

Diagnostics
(initial check (0D.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0D.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0D.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0D</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0D</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0D</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Unused Orbital Visibility = 3142
Exp. 1
Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
Proposal 16565, Visit 0E - WFC3 UVIS Bowtie Monitor

Visit
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 18-AUG-2022:00:00:00 AND 19-AUG-2022:00:00:00

Diagnostics
(initial check (0E.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0E.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0E.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0E</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0E</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0E</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514
Visit 0F - WFC3 UVIS Bowtie Monitor

Proposal 16565

Diagnostic Status: Warning

Scientific Instruments: WFC3/UVIS

Special Requirements: BETWEEN 21-AUG-2022:00:00:00 AND 22-AUG-2022:00:00:00

Diagnostics

(initial check (0F.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0F.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0F.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0F</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0F</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0F</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Unused Orbital Visibility = 3142

Server Version: 20210514
Provision 16565 - Visit 0G - WFC3 UVIS Bowtie Monitor

Visit Information
- Proposal 16565, Visit 0G
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 24-AUG-2022:00:00:00 AND 25-AUG-2022:00:00:00

Diagnostics
- (initial check (0G.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (0G.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (0G.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0G</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0G</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0G</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 0H - WFC3 UVIS Bowtie Monitor

Visit
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 27-AUG-2022:00:00:00 AND 28-AUG-2022:00:00:00

Diagnostics
(initial check (0H.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0H.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0H.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0H</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0H</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0H</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure
- Orbit 1
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

Server Version: 20210514
Visit Proposal 16565, Visit 0I
Diagnostics
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 30-AUG-2022:00:00:00 AND 31-AUG-2022:00:00:00

Diagnostics
(initial check (0I.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (0I.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (0I.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0I</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0I</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0I</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

 Unused Orbital Visibility = 3142
 Exp. 1
 Exp. 2
 Exp. 3
 Reconfig
 Occultation

Server Version: 20210514
### Diagnostic Status: Warning

**Scientific Instruments:** WFC3/UVIS  
**Special Requirements:** BETWEEN 02-SEP-2022:00:00:00 AND 03-SEP-2022:00:00:00

- **(initial check (0J.001))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- **(neutralizer (0J.002))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- **(final check (0J.003))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0J</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0J</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0J</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>
Proposal 16565 - Visit 0K - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 0K
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 05-SEP-2022:00:00:00 AND 06-SEP-2022:00:00:00

Wed Jun 30 19:03:57 GMT 2021

Diagnostics
(initial check (0K.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutalizer (0K.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0K.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig

Occultation

Server Version: 20210514
Proposal 16565 - Visit 0L - WFC3 UVIS Bowtie Monitor

### Diagnostic Status: Warning

- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 08-SEP-2022:00:00:00 AND 09-SEP-2022:00:00:00

#### Diagnostics

(initial check (0L.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(neutralizer (0L.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

(final check (0L.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 0L</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 0L</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 0L</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

#### Orbit Structure

- Unused Orbital Visibility = 3142
- Occultation

**Server Version: 20210514**
Proposal 16565 - Visit 0M - WFC3 UVIS Bowtie Monitor

Visit

Proposal 16565, Visit 0M
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 11-SEP-2022:00:00:00 AND 12-SEP-2022:00:00:00

Diagnostics

(initial check (0M.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0M.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0M.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0M</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0M</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0M</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig
Occultation

Server Version: 20210514
### Proposal 16565 - Visit 0N - WFC3 UVIS Bowtie Monitor

**Visit**

- **Proposal 16565, Visit 0N**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 14-SEP-2022:00:00:00 AND 15-SEP-2022:00:00:00

**Diagnostics**

(initial check (0N.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0N.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0N.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In</td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - **Unused Orbital Visibility = 3142**
  - **Exp. 1**
  - **Exp. 2**
  - **Exp. 3**
  - **Reconfig**

- **Occultation**

- **Server Version:** 20210514
**Proposal 16565 - Visit 0O - WFC3 UVIS Bowtie Monitor**

**Visit**
- **Proposal 16565, Visit 0O**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 17-SEP-2022:00:00:00 AND 18-SEP-2022:00:00:00

**Diagnostics**
- (initial check (0O.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (0O.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (0O.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0O</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0O</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0O</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

- **Server Version:** 20210514
### Visit

**Proposal 16565, Visit 0P**

**Diagnostic Status:** Warning

**Scientific Instruments:** WFC3/UVIS

**Special Requirements:** BETWEEN 20-SEP-2022:00:00:00 AND 21-SEP-2022:00:00:00

---

### Diagnostics

(initial check (0P.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0P.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0P.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0P</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0P</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0P</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

### Orbit Structure

[Diagram of Orbit Structure]

**Server Version: 20210514**

---

Wed Jun 30 19:03:57 GMT 2021
### Proposal 16565 - Visit 0Q - WFC3 UVIS Bowtie Monitor

**Visit**
- **Proposal 16565, Visit 0Q**
- **Diagnostic Status: Warning**
- **Scientific Instruments: WFC3/UVIS**
- **Special Requirements: BETWEEN 23-SEP-2022:00:00:00 AND 24-SEP-2022:00:00:00**

**Diagnostics**

- (initial check (0Q.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (neutralizer (0Q.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (final check (0Q.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0Q</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0Q</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0Q</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Unused Orbital Visibility = 3142
  - **Exp. 1**
  - **Exp. 2**
  - **Exp. 3**
  - **Reconfig**
  - **Occultation**

**Server Version: 20210514**
Visit 0R - WFC3 UVIS Bowtie Monitor

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>Sequence 1-3 Non-In t in Visit 0R</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Diagnostics:
(initial check (0R.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (0R.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (0R.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Orbit Structure:

Server Version: 20210514
Proposal 16565 - Visit 0S - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 0S
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 29-SEP-2022:00:00:00 AND 30-SEP-2022:00:00:00

Diagnostics
(initial check (0S.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (0S.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (0S.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0S</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0S</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0S</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Unused Orbital Visibility = 3142

Server Version: 20210514
Proposal 16565 - Visit 0T - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (0T.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0T.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0T.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>1.0 Secs</td>
<td>(1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>200.0 Secs</td>
<td>(200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>Sequence 1-3 Non-In t in Visit 0T</td>
<td>1.0 Secs</td>
<td>(1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1
Exp. 1
Unused Orbital Visibility = 3142
Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
### Visit

**Proposal 16565, Visit 0U**

- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 05-OCT-2022:00:00:00 AND 06-OCT-2022:00:00:00

---

#### Diagnostics

(initial check (0U.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0U.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0U.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

---

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0U</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0U</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Int in Visit 0U</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

#### Orbit Structure

![Orbit Structure](image-url)
Proposal 16565 - Visit 0V - WFC3 UVIS Bowtie Monitor

Visit
Proposal 16565, Visit 0V
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 08-OCT-2022:00:00:00 AND 09-OCT-2022:00:00:00

Diagnostics
(initial check (0V.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (0V.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (0V.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0V</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0V</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0V</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

**Orbit 1**

Unused Orbital Visibility = 3142

Exp. 1
Exp. 2
Exp. 3
Reconfig

Server Version: 20210514
Visit 0W - WFC3 UVIS Bowtie Monitor

Diagnostics

- (initial check (0W.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (neutralizer (0W.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
- (final check (0W.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0W</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0W</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Init in Visit 0W</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
### Proposal 16565 - Visit 0X - WFC3 UVIS Bowtie Monitor

- **Visit**: Proposal 16565, Visit 0X
- **Diagnostic Status**: Warning
- **Scientific Instruments**: WFC3/UVIS
- **Special Requirements**: BETWEEN 14-OCT-2022:00:00:00 AND 15-OCT-2022:00:00:00

#### Diagnostics

- **Diagnostics**
  - *(initial check (0X.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser*
  - *(neutralizer (0X.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser*
  - *(final check (0X.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser*

#### Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0X</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0X</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In-t in Visit 0X</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

---

**Orbit Structure**

- **Orbit 1**
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig
  - Occultation

**Server Version: 20210514**

---

130
**Proposal 16565 - Visit 0Y - WFC3 UVIS Bowtie Monitor**

**Visit**
- **Proposal 16565, Visit 0Y**
- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** BETWEEN 17-OCT-2022:00:00:00 AND 18-OCT-2022:00:00:00

**Diagnostics**

- **(initial check (0Y.001))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- **(neutralizer (0Y.002))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- **(final check (0Y.003))** Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0Y</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0Y</td>
<td>200.0 Secs (200 Secs)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Int in Visit 0Y</td>
<td>1.0 Secs (1 Secs)</td>
<td></td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Exp. 1
    - Unused Orbital Visibility = 3142
  - Exp. 2
  - Exp. 3
    - Reconfig
  - Occultation
Diagnostics

(initial check (0Z.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (0Z.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (0Z.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Server Version: 20210514
Proposal 16565 - Visit 1A - WFC3 UVIS Bowtie Monitor

**Visit**
- Proposal 16565, Visit 1A
- Diagnostic Status: Warning
- Scientific Instruments: WFC3/UVIS
- Special Requirements: BETWEEN 23-OCT-2022:00:00:00 AND 24-OCT-2022:00:00:00

**Diagnostics**

(initial check (1A.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (1A.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (1A.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 1A</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 1A</td>
<td></td>
<td>200.0 Secs (200 Secs)</td>
<td>[I]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-In t in Visit 1A</td>
<td></td>
<td>1.0 Secs (1 Secs)</td>
<td>[I]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

Server Version: 20210514
Proposal 16565 - Visit 1B - WFC3 UVIS Bowtie Monitor

Visit

<table>
<thead>
<tr>
<th>Diagnostic Status: Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scientific Instruments: WFC3/UVIS</td>
</tr>
<tr>
<td>Special Requirements: BETWEEN 26-OCT-2022:00:00:00 AND 27-OCT-2022:00:00:00</td>
</tr>
</tbody>
</table>

Diagnostics

(initial check (1B.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (1B.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (1B.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1B</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1B</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1B</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

Orbit 1

Unused Orbital Visibility = 3142

Exp. 1

Occultation

Server Version: 20210514
Diagnostics

(initial check (1C.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(neutralizer (1C.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

(final check (1C.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 1C</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 1C</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td>Sequence 1-3 Non-Inst in Visit 1C</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
<td></td>
</tr>
</tbody>
</table>

Orbit Structure

Unused Orbital Visibility = 3142

Exp. 1

Exp. 2

Exp. 3

Reconfig

Occultation
Visit 1D - WFC3 UVIS Bowtie Monitor

Diagnostics

(initial check (1D.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(neutralizer (1D.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
(final check (1D.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure
Visit Proposal 16565, Visit 1E
Diagnostic Status: Warning
Scientific Instruments: WFC3/UVIS
Special Requirements: BETWEEN 04-NOV-2022:00:00:00 AND 05-NOV-2022:00:00:00

Diagnostics

(initial check (1E.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (1E.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (1E.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1E</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1E</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1E</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

Orbit Structure

[Diagram showing orbit structure with labels and dates]
Proposal 16565 - Visit 1F - WFC3 UVIS Bowtie Monitor

Visit

Scientific Instruments: WFC3/UVIS
Special Requirements: ON HOLD

On Hold Comments: For contingency use only.

Diagnostics

(initial check (1F.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(neutralizer (1F.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser
(final check (1F.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser

Exposures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1F</td>
<td>1.0 Secs (1 Secs)</td>
<td>[ ]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1F</td>
<td>200.0 Secs (200 Secs)</td>
<td>[ ]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-In t in Visit 1F</td>
<td>1.0 Secs (1 Secs)</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

Orbit Structure

[Diagram showing orbit structure with Exp. 1, Exp. 2, and Exp. 3 labeled.]

Orbit 1

Exp. 1

Unused Orbital Visibility = 3142

Exp. 2

Exp. 3

Reconfig

Occultation

Server Version: 20210514
Visit 1G - WFC3 UVIS Bowtie Monitor

- **Diagnostic Status:** Warning
- **Scientific Instruments:** WFC3/UVIS
- **Special Requirements:** ON HOLD
  
  *On Hold Comments: For contingency use only.*

**Diagnostics**

- (initial check (1G.001)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (neutralizer (1G.002)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.
- (final check (1G.003)) Warning (Form): FLASH level may be too low for this exposure or a short subexposure. See extended explanation in the diagnostic browser.

**Exposures**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>initial check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 1G</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>2</td>
<td>neutralizer</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 1G</td>
<td>200.0 Secs (200 Secs)</td>
<td>[1]</td>
</tr>
<tr>
<td>3</td>
<td>final check</td>
<td>TUNGSTEN</td>
<td>WFC3/UVIS, ACCUM, UVIS</td>
<td>F475X</td>
<td>BIN=3</td>
<td></td>
<td>Sequence 1-3 Non-Inst in Visit 1G</td>
<td>1.0 Secs (1 Secs)</td>
<td>[1]</td>
</tr>
</tbody>
</table>

**Orbit Structure**

- **Orbit 1**
  - Unused Orbital Visibility = 3142
  - Exp. 1
  - Exp. 2
  - Exp. 3
  - Reconfig

**Server Version:** 20210514