

# Planning Roadmap NECP + Cruise Phase

Date	Meeting	Preparation for ...	Planning Activity or SGS Test	Output of ... / Feedback on ...
<b>FEB 2020 LAUNCH</b>				
<p><del>(Mar 2020: Formal FECS delivery for LTP1+2)</del></p> <p>LTP1 input from MOC only received <b>end April</b> LTP2 input from MOC expected 1 June</p> <p><i>(moved later in schedule)</i></p>		<p><del>MOC delivers formal FECS to SOC (delayed due to late delivery input)</del> SOC prepares formal output LTP 1 and input for LTP 2 confirmation</p> <ul style="list-style-type: none"> <li>SOC checks SOOP Kitchen plans for LTP 1+2 against formal FECS, incl. planned disturbances</li> <li>SOC resolves conflicts with coordinated campaigns in LTP 1, if any.</li> <li>Creation of formal EFECs, TMC, observation timelines for LTP 1</li> <li>Preparation of list of conflicts for LTP 2, if any, as input to SOWG15</li> </ul>		<p><del>Formal Output LTP 1 planning (replaces preliminary output received after SOWG14) (delayed due to late delivery input)</del></p> <ul style="list-style-type: none"> <li>SOC distributes updated, formal products (EFECs, TMC, observations timelines) and context plan in SOOP Kitchen for LTP 1</li> <li>= input for IOR writing for STPs in May-June 2020</li> </ul>
		<p>Preparation Cruise Phase MLP(3)</p> <ul style="list-style-type: none"> <li>Review PSP coordination (opportunities from Jan 2021 onwards)</li> <li>SOC prepares context for Cruise Phase planning (orbit plots, events, ...), using formal orbit</li> <li>See MLP of Cruise during SWT#26b (Mar 2020)</li> </ul>		
<p><b>30-31-Mar-2020 (ESOC)</b></p> <p><del>3m before Jul-Dec 2020</del> <b>CANCELLED</b></p>	<p><del>SOWG 15</del></p> <p><b>CANCELLED</b></p>		<p><del>Cruise Phase LTP02 — Confirmation after FECS delivery (cancelled due to late delivery input)</del> Observations and SOOP planning for Jul-Dec 2020 (In-Situ only) Note that LTP2 has been planned already at SOWG14. However, after delivery of the formal FECS by MOC, the plan may need small revisions.</p>	
<p>March-April 2020</p>	<p>SWT 26b (series of PI telecons)</p>		<p>Cruise Phase MLP (3): revision of MLP for Cruise &amp; freeze SAP for LTP03 (Jan 2021-June 2021)</p> <p>See MLP of Cruise during SWT#26b (Mar 2020)</p>	
<p>end April - start May 2020</p>		<p>MOC delivers formal event skeleton to SOC SOC prepares formal output LTP 1</p> <ul style="list-style-type: none"> <li>SOC checks SOOP Kitchen plans for LTP 1 against formal FECS &amp; PTEL, incl. planned disturbances</li> <li>SOC resolves conflicts with coordinated campaigns in LTP 1, if any.</li> <li>Creation of formal EFECs, TMC, observation timelines for LTP 1</li> </ul>		<p>Formal Output LTP 1 planning (replaces preliminary output received after SOWG14)</p> <ul style="list-style-type: none"> <li>SOC distributes updated, formal products (EFECs, TMC, observations timelines) and context plan in SOOP Kitchen for LTP-1</li> <li>= input for IOR writing for <b>STPs 100 &amp; 101 (start 15 June 2020)</b></li> <li>STP schedule: see STP-100 and -101 Schedule</li> </ul>
<p>May-June 2020: Coordinated NECP campaigns regarding alignment, EMC, IIC</p> <p><i>(Note: magnetic noise monitored throughout NECP)</i></p>		<p>Based on the outcome of the coordinated NECP campaigns:</p> <ul style="list-style-type: none"> <li>Analysis of EMC results, prepare report on potentially EMC noisy activities for discussion during SOWG16</li> <li>Analysis of IIC results, prepare report for SOWG16</li> <li>Analysis of RS alignment results, prepare report for discussion during SOWG16</li> </ul>		
<p>Early June 2020</p>		<p>MOC delivers formal event skeleton LTP 2 to SOC SOC prepares formal output LTP 2</p> <ul style="list-style-type: none"> <li>SOC checks SOOP Kitchen plans for LTP 2 against formal FECS &amp; PTEL, incl. planned disturbances</li> <li>SOC resolves conflicts with coordinated campaigns in LTP 2, if any.</li> <li>Creation of formal EFECs, TMC, observation timelines for LTP 2</li> </ul>		<p>Formal Output LTP 2 planning (replaces preliminary output received after SOWG14)</p> <ul style="list-style-type: none"> <li>SOC distributes formal products (EFECs, TMC, observations timelines) and context plan in SOOP Kitchen for LTP-2</li> <li>= input for IOR writing for <b>STPs in Jul-Dec 2020</b></li> <li>STP schedule: see STP-102 Schedule and following</li> </ul>

(Jun 2020: ESTRACK meeting)				Output MLP 3:  <ul style="list-style-type: none"> <li>SOC prepares pass requests for Jan-Jun 2021 (LTP3) + any roll and offpointing requests for RSCW2 &amp; 3</li> <li>MOC formally requests passes from ESTRACK (to be fed into FECS)</li> </ul>
Jul-Aug 2020		Preparation LTP 3:  <ul style="list-style-type: none"> <li>Instrument teams review observation definitions for Cruise in SOOP Kitchen</li> <li>MOC distributes formal event skeleton for LTP 3</li> <li>SOC prepares SOOP Kitchen (obs definitions, (E-)FECS, ...)</li> <li>Update context page <a href="#">LTP03 Jan 2021-June 2021</a></li> </ul>		
<b>8-10 Sep 2020</b> <i>3m before Jan-Jun 2021</i>	<b>SOWG 16</b> (virtual meeting)		<ul style="list-style-type: none"> <li>Discussion of NECP results on EMC: Prepare draft list of potentially EMC-noisy activities, for approval by SWT</li> <li>Discussion of RS alignment results: Define any actions to be taken before LTP-3 (incl. 2 RS checkout windows)</li> </ul>	
			<b>Cruise Phase LTP03</b> : observations and SOOP planning for Jan-Jun 2021, based on FECS & PTEL for LTP03, and results of first RS alignment campaign	
		Preparation Cruise Phase MLP(4):  <ul style="list-style-type: none"> <li>Review PSP coordination (opportunities from Jul 2021 onwards)</li> <li>SOC prepares context for Cruise &amp; start NMP planning (orbit plots, events, ...)</li> </ul>		Output LTP 3 planning:  <ul style="list-style-type: none"> <li>SOC distributes formal products (EFECS, TMC, obs timelines) and context plan in SOOP Kitchen</li> <li>= input for IOR writing for <b>STPs in Jan-Jun 2021</b></li> </ul>
<b>5-9 Oct 2020</b> <i>9m before Jul-Dec 2021</i>	<b>SWT 27</b> (virtual meeting)		<b>Cruise Phase MLP (4)</b> : revision of MLP for Cruise & freeze SAP for Jul-Dec 2021, incl. start of NMP  See: <a href="#">LTP04 July 2021-Sep 2021#Dec2021-MLP: ChangesfromSWT27(Oct2020)</a>  Approve list of EMC-noisy campaigns, to be used at start of NMP.	
<i>dates &amp; format TBC</i>		Preparation of MLP for Nominal Phase - first draft:  <ul style="list-style-type: none"> <li>needs dedicated meeting with all instrument teams, PSs, SOC</li> <li><b>STILL TO BE SCHEDULED</b></li> </ul>		Output MLP 4:  <ul style="list-style-type: none"> <li>SOC prepares pass requests for Jul-Dec 2021 + any roll and offpointing requests for RSCW4</li> <li>MOC formally requests passes from ESTRACK (to be fed into FECS)</li> </ul>
(Jan-Feb 2021: ESTRACK meeting)		Preparation LTP 4 (+ review downlink situation LTP5):  <ul style="list-style-type: none"> <li>Instrument teams review observation definitions for <b>Cruise and NMP</b> in SOOP Kitchen</li> <li>MOC distributes formal event skeleton for LTP4 &amp; rough pass schedule LTP5</li> <li>SOC prepares SOOP Kitchen (obs definitions, (E-)FECS, ...)</li> <li>Update context page <a href="#">LTP04 July 2021-Sep 2021</a> (to be split still over <a href="#">LTP04 July-Sep 2021</a> and <a href="#">LTP05 Oct-Dec 2021</a>)</li> </ul>		
24-25 March 2021	<b>SWT 28</b> (virtual meeting)	<i>no mission level planning during SWT28</i>		
<b>20-21 April 2021 (PM)</b> <i>&gt;2m before Jul-Sep 2021</i>	<b>SOWG 17</b> (virtual meeting)		<b>Cruise Phase LTP 4</b> : observations and SOOP planning for Jul-Sep 2021 ( <b>note change to 3-months-long LTPs</b> )  There will be a high-level review of LTP5 (Oct-Dec 2021) as well, based on the preliminary pass schedule received from MOC.	

by mid May 2021 <i>(output got distributed on 12 May)</i>				<p>Output LTP 4 planning:</p> <ul style="list-style-type: none"> <li>• SOC distributes formal products (EFECs, TMC, obs timelines) and context plan in SOOP Kitchen</li> <li>• = input for IOR writing for <b>STPs included in LTP-4</b></li> </ul>
end May 2021				<p>Pre-LTP TN for LTP5:</p> <ul style="list-style-type: none"> <li>• SOC requests S/C manoeuvres for LTP5 (Oct-Dec 2021) to Flight Dynamics</li> </ul>

★ STP planning schedules are published per LTP cycle, see e.g. pages under [LTP02 Schedule](#) and [LTP03 Schedule](#)