SXT CHIEF OBSERVER CHECK LIST

SXT CO ☐ FOR WEEK ____________

WEEKLY TASKS

Insert compressed and low8 diffuser images in a table for at least two visible orbits. ☐
Include 1/4 FL1N and 1/4 FC1N DPE=2 images (in FFI2 3-3, 3-4).

DAILY TASKS

These are tasks that should be checked on a daily basis or "as needed" basis.

	M	T	W	T	F	S
View `http://isass1.solar.isas.ac.jp/sxt_co/quick/quick.html`.	☐	☐	☐	☐	☐	☐
Check SOHO/TRACE plans.	☐	☐	☐	☐	☐	☐
Check E-Mail: GBO and ground-based observers.	☐	☐	☐	☐	☐	☐
Check all the new FFI and PFI data with `YODAT` or `RD_SDA`.	☐	☐	☐	☐	☐	☐
Confirm PFI starting exposures and FFI short exposures.	☐	☐	☐	☐	☐	☐
Run `first_light,/sum` to check solar situation.	☐	☐	☐	☐	☐	☐
Prepare SXT table and send Fax: `~sxt_co/ksc_fax`	☐	☐	☐	☐	☐	☐
Run `ksc_commands` from IDL to archive the table	☐	☐	☐	☐	☐	☐
Check that KSC data are being reformatted OK.	☐	☐	☐	☐	☐	☐
Check the ARS patrol image location (if the table changed).	☐	☐	☐	☐	☐	☐
Make sure there is paper in the LPS17 printer.	☐	☐	☐	☐	☐	☐
Make necessary changes to `~sxt_co/.mailrc` file.	☐	☐	☐	☐	☐	☐
Need to send an alert? See alerts.html.	☐	☐	☐	☐	☐	☐

SPECIFIC TASKS

These tasks are in addition to the "Daily Tasks." The specific day might vary by one or two days for some tasks (e.g., orbital elements sometimes arrive a day late).

Monday

- Attend Operations Meeting ☐
- E-mail (alias "plan") the WOM report and this week's table plan (`~sxt_co/wom_rep`) ☐
- E-mail (alias "status") the SXT [bi-]weekly status message. (`~sxt_co/sxt_status_rep`) ☐
- Is the SXTweekly.html updated? (`/home/www/sxt_co/SXTweekly.html`) ☐
- Make html version of WOM report(`plan2html.pro`) and move to the nugget directory. ☐
- Update the campaign Web files (USE SXT_CO ACCOUNT) ☐

Tuesday

- DKCAL: Run the dark calibration table ☐

Wednesday

Check that Orbital Elements have arrived (`$SSWDB/ydb/orbit_sol`) ☐

Is a pointing update needed (see quick.html)? Run `new_normal_point` ☐

Thursday

See that the Visible diagram arrives from KSC (by FAX) ☐

Run `copy_visible` (as sxt_co) and `pr_visible` ☐

E-mail draft plan for next week's table load to `yohkoh@flare1` ☐

Friday

Write a new nugget (`/home/www/sxt_co/SXTweekly.html and index.html`) ☐

Update NASA HQ (`http://ossim.hq.nasa.gov/OSSIM/home.htm`; yohs; update1) ☐

Saturday

Does Monday's table need to be sent? ☐

Prepare report for next week's WOM (directory= `wom_rep`) ☐

Print checksheet for next week's CO (`~sxt_co/documents/co_check_list.ps`) ☐

Terminator Exposures from file: `term_expose.tex`

```
TERMINATOR EXPOSURES

Filter   Exposure    w/NuDen
----------------------------
Al01        21         17
Mg3         23         17
Be          23         18
AlMg        25         18
Al12        25         18
```

SXT Effective Exposures

DPE	Exposure	DPE	Exposure	DPE	Exposure	DPE	Exposure
0	0.0773 ms *	10	28.0 ms	20	948. ms	30	30.2 sec
1	0.232 ms *	11	38.0 ms	21	1.34 sec	31	42.7 sec
2	0.960 ms	12	58.0 ms	22	1.89 sec	32	60.4 sec
3	1.37 ms *	13	78.0 ms	23	2.67 sec	33	85.4 sec
4	2.88 ms	14	118. ms	24	3.78 sec	34	121. sec
5	3.06 ms *	15	168. ms	25	5.34 sec	35	171. sec
6	4.67 ms *	16	238. ms	26	7.55 sec	36	242. sec
7	6.28 ms *	17	338. ms	27	10.7 sec		
8	9.50 ms *	18	468. ms	28	15.1 sec		
9	17.0 ms	19	668. ms	29	21.4 sec		

* The 8.05% mask is applied.

SXT Filter Positions

Pos.	Rear wheel	Front wheel
1	Open	Open
2	Al.1	NaBan
3	AlMg	UV Flood
4	Be119	Diffuser
5	Al12	WdBan
6	Mg3	NuDen