1 The PUGH schedule:

STARTUP
WRAGH
PARAMCHECK
BASEGRID

Recover? (yes/no)	
INITIAL POSTINITIAL POSTSTEP	RECOVER_VARIABLES POST_RECOVER_VARIABLES

CPINITIAL
ANALYSIS
OutputGH

main loop	Advance time PRESTEP EVOL POSTSTEP CHECKPOINT ANALYSIS OutputGH

TERMINATE
SHUTDOWN

2 The Carpet schedule:

```
STARTUP
WRAGH
PARAMCHECK
BASEGRID
```

```
Recover? (yes/no)
```

| initial loop | INITIAL
Regrid
POSTREGRID
⟶ Recurse
Restrict
POSTRESTRICTINITIAL
POSTINITIAL
POSTSTEP | recover loop | RECOVER_VARIABLES
POST_RECOVER_VARIABLES
⟶ Recurse |

```
3 Time Level Initialisation
```

| initial loop | ⟶ Recurse
CPINITIAL
ANALYSIS
OutputGH |

| main loop | evol loop | Regrid
POSTREGRID
Advance time
PRESTEP
EVOL
⟶ Recurse
Restrict
POSTRESTRICT
POSTSTEP
CHECKPOINT
ANALYSIS
OutputGH |

| shutdown loop | ⟶ Recurse
TERMINATE |

```
SHUTDOWN
```