1 The PUGH schedule:

STARTUP
WRAGH
PARAMCHECK
BASEGRID

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

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

3 Time Level Initialisation
```

```
initial   ⟶ Recurse
loop      CPINITIAL
          ANALYSIS
          OutputGH
```

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

```
shutdown ⟶ Recurse
loop     TERMINATE
```

```
SHUTDOWN
```