

PTM Time Step Issues

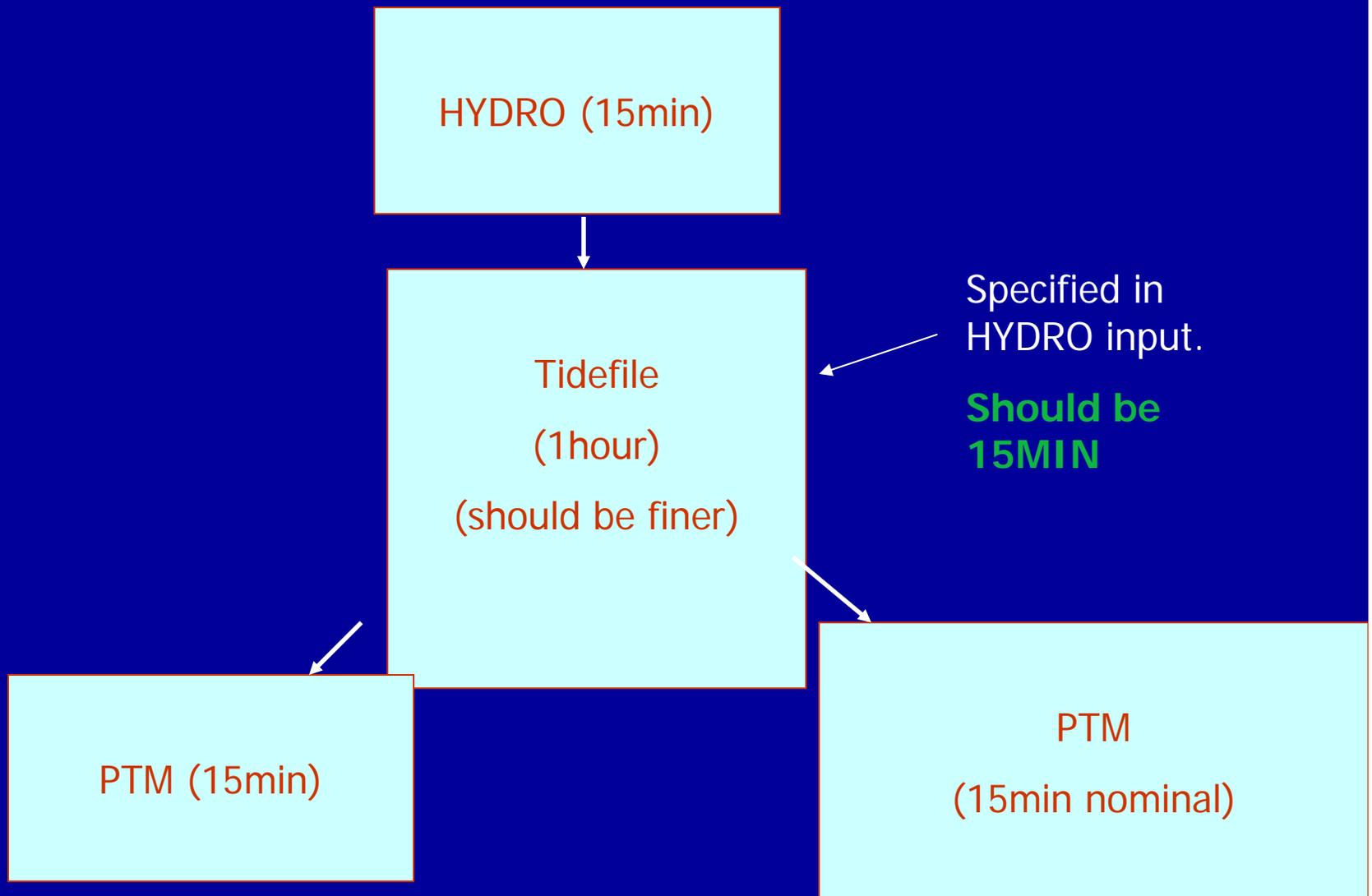
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DSM2 Users Group Meeting

August 9, 2007

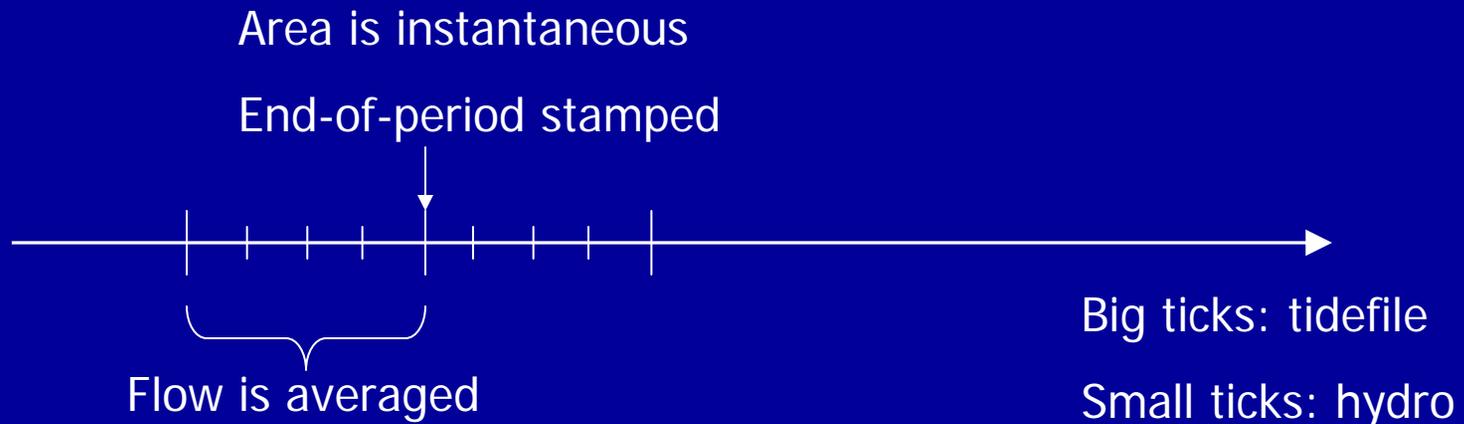


Typical DSM2-PTM Usage

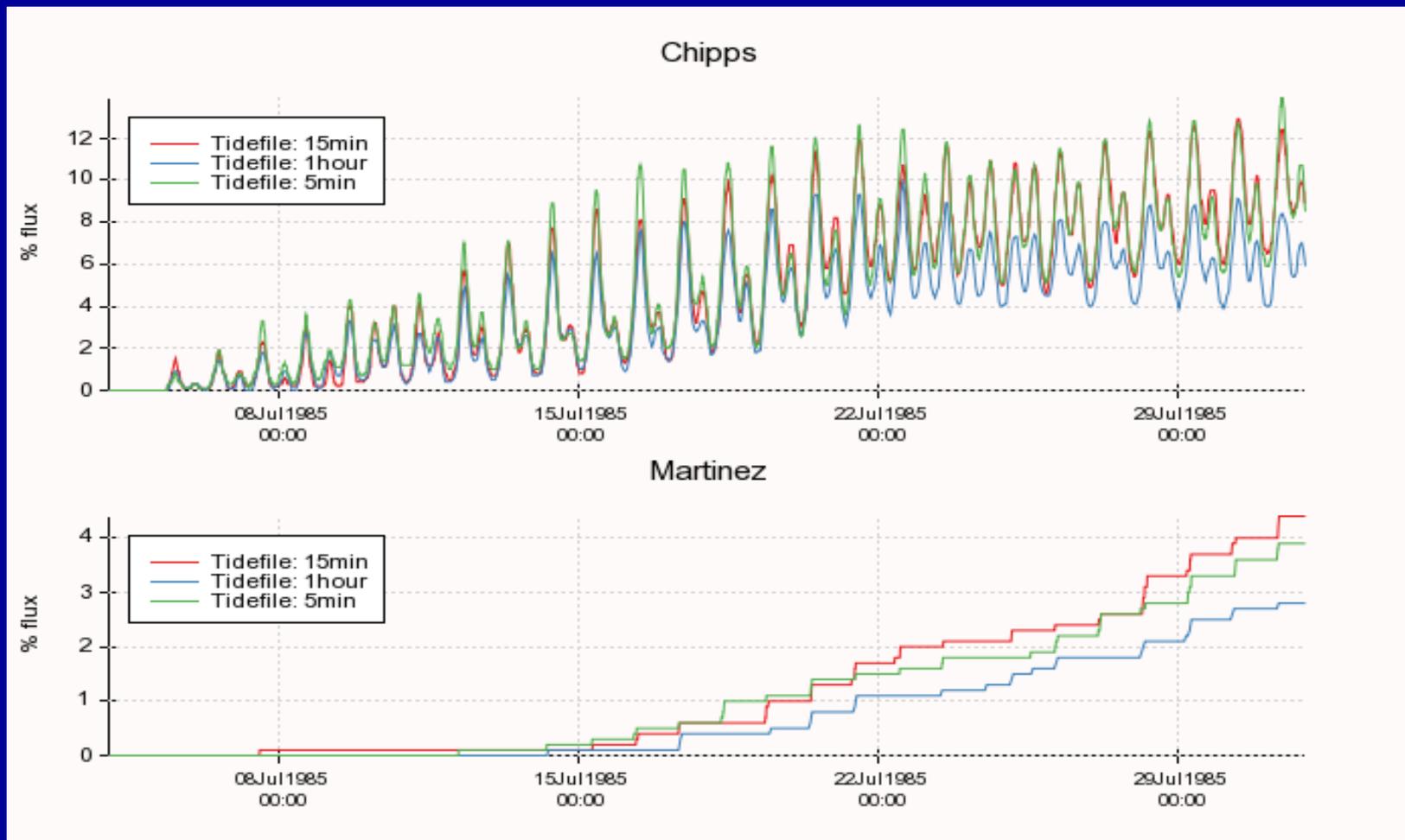


Technical issues

- Estuary/Tidal phenomena may require resolution of 15MIN or smaller
- PTM (text version) uses non-centered velocities.



Difference Large In Areas Under Strong Tidal Influence



Insertion Point: Jersey Pt

Best Practice

Change:

IO_FILES

MODEL	TYPE	IO	INTERVAL	FILENAME
hydro	binary	out	1hour	\$HYDROTIDFILE

END

To:

IO_FILES

MODEL	TYPE	IO	INTERVAL	FILENAME
hydro	binary	out	15min	\$HYDROTIDFILE

END