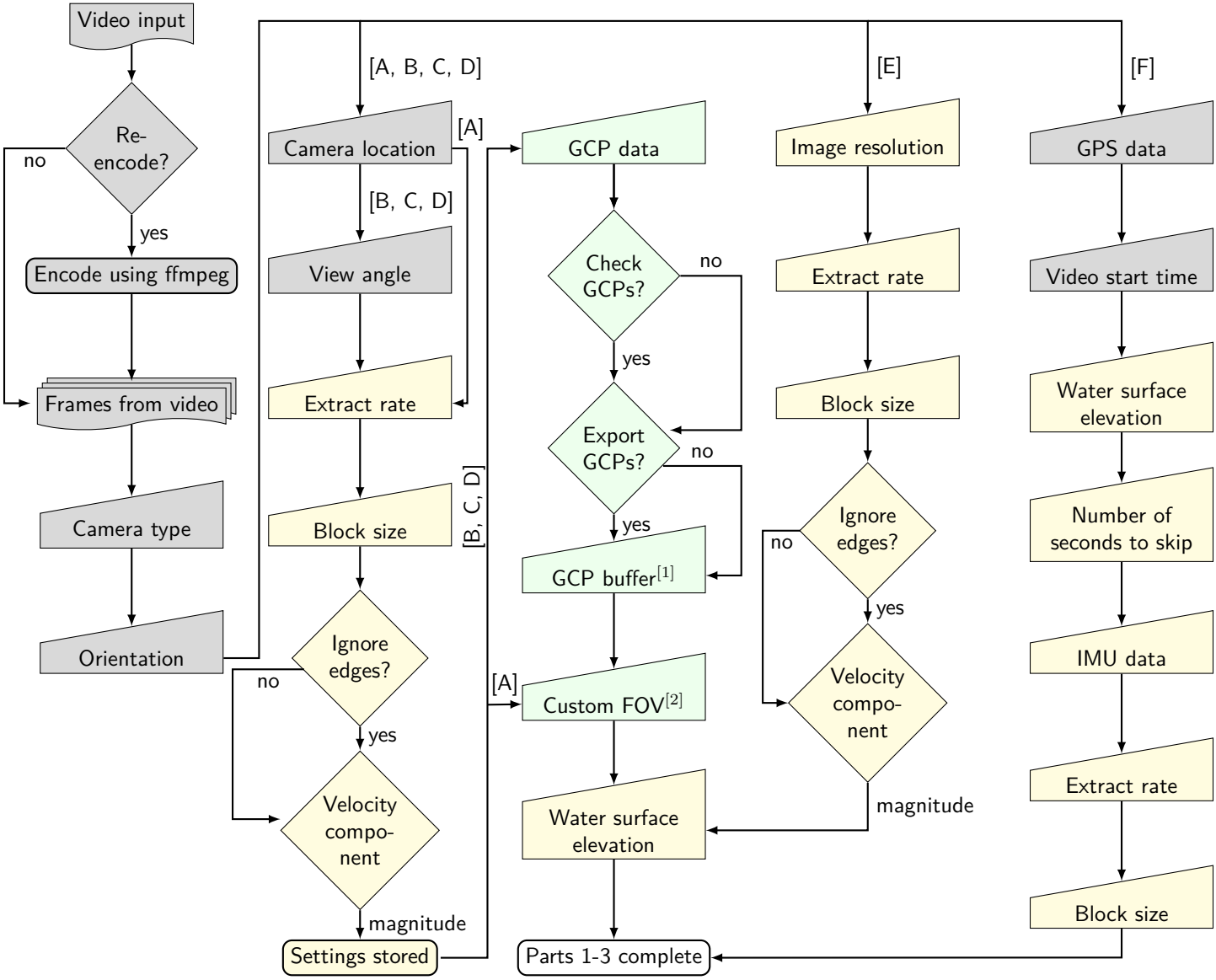
Video input
Re-encode?
no
yes
Encode using ffmpeg
Frames from video
Camera type
Orientation
[A, B, C, D]
Camera location
[A]
[B, C, D]
View angle
Extract rate
Block size
Ignore edges?
no
yes
Velocity compo-nent
magnitude
Settings stored
[B, C, D]
GCP data
Check GCPs?
no
yes
Export GCPs?
no
yes
GCP buffer[1]
[A]
Custom FOV[2]
Water surface elevation
Parts 1-3 complete
[E]
Image resolution
Extract rate
Block size
Ignore edges?
no
yes
Velocity compo-nent
magnitude
[F]
GPS data
Video start time
Water surface elevation
Number of seconds to skip
IMU data
Extract rate
Block size