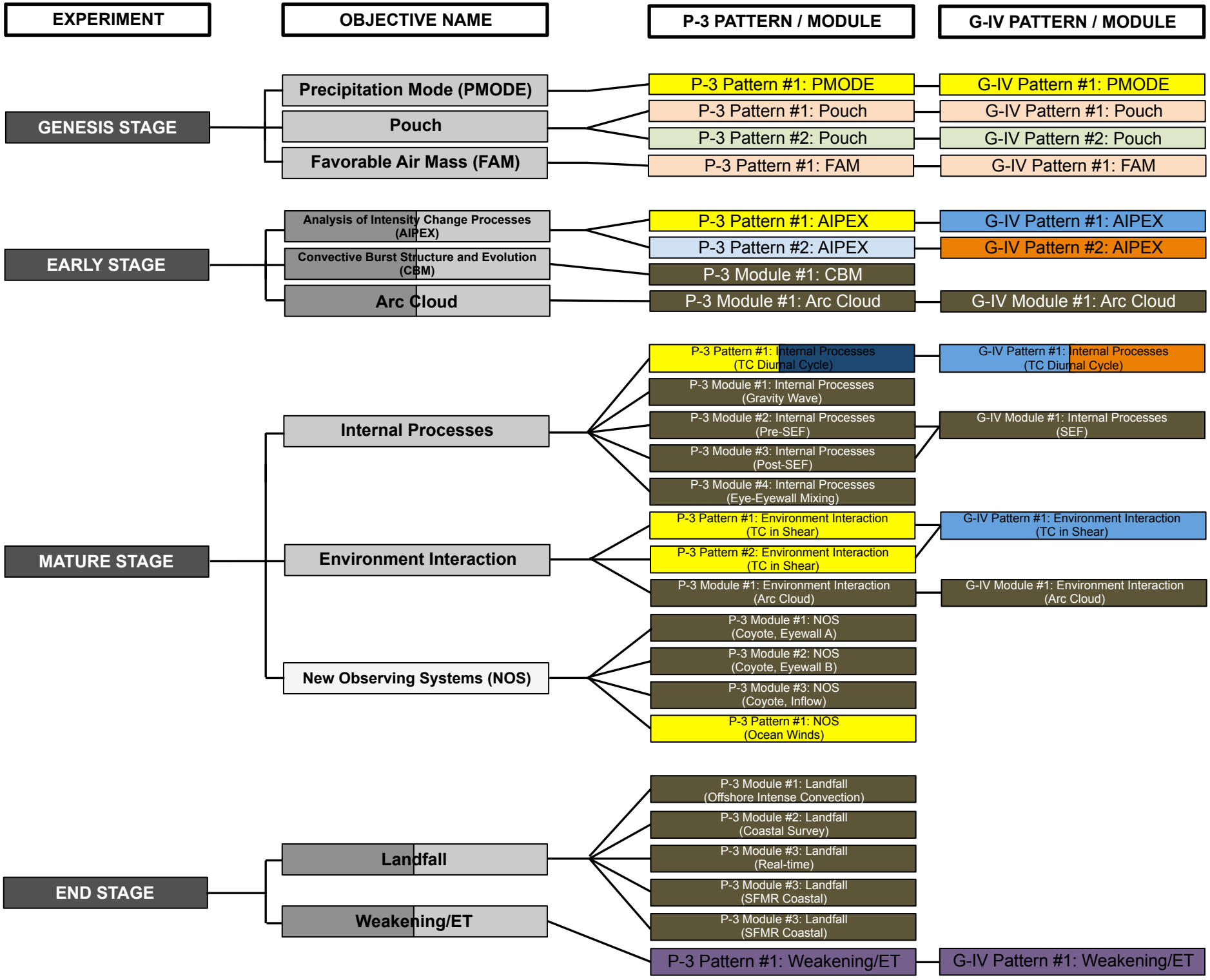
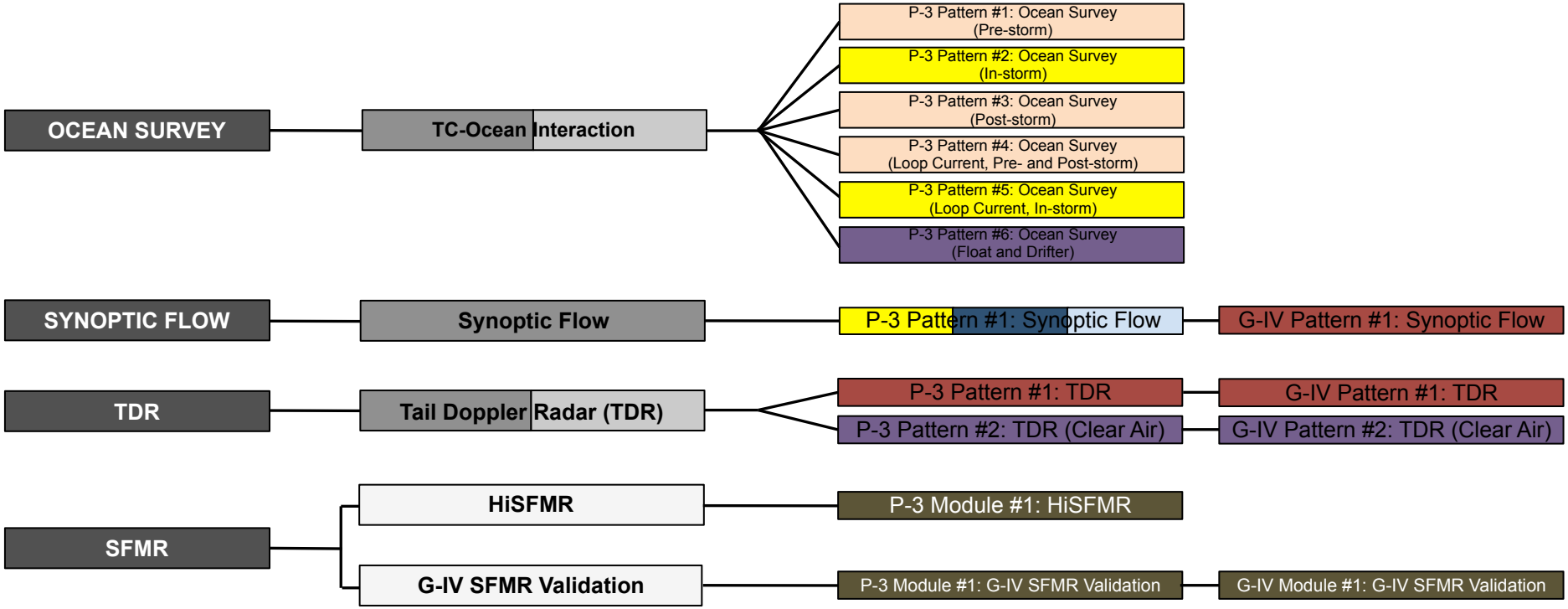
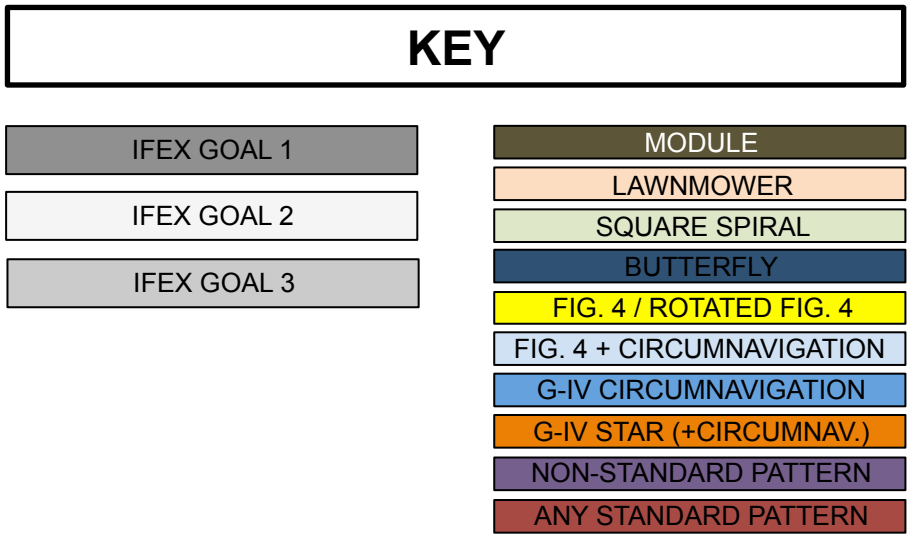

EXPERIMENT
OBJECTIVE NAME
P-3 PATTERN / MODULE
G-IV PATTERN / MODULE
GENESIS STAGE
Precipitation Mode (PMODE)
Pouch
Favorable Air Mass (FAM)
P-3 Pattern #1: PMODE
P-3 Pattern #1: Pouch
P-3 Pattern #2: Pouch
P-3 Pattern #1: FAM
G-IV Pattern #1: PMODE
G-IV Pattern #1: Pouch
G-IV Pattern #2: Pouch
G-IV Pattern #1: FAM
EARLY STAGE
Analysis of Intensity Change Processes (AIPEX)
Convective Burst Structure and Evolution (CBM)
Arc Cloud
P-3 Pattern #1: AIPEX
P-3 Pattern #2: AIPEX
P-3 Module #1: CBM
P-3 Module #1: Arc Cloud
G-IV Pattern #1: AIPEX
G-IV Pattern #2: AIPEX
G-IV Module #1: Arc Cloud
MATURE STAGE
Internal Processes
Environment Interaction
New Observing Systems (NOS)
P-3 Pattern #1: Internal Processes (TC Diurnal Cycle)
P-3 Module #1: Internal Processes (Gravity Wave)
P-3 Module #2: Internal Processes (Pre-SEF)
P-3 Module #3: Internal Processes (Post-SEF)
P-3 Module #4: Internal Processes (Eye-Eyewall Mixing)
P-3 Pattern #1: Environment Interaction (TC in Shear)
P-3 Pattern #2: Environment Interaction (TC in Shear)
P-3 Module #1: Environment Interaction (Arc Cloud)
P-3 Module #1: NOS (Coyote, Eyewall A)
P-3 Module #2: NOS (Coyote, Eyewall B)
P-3 Module #3: NOS (Coyote, Inflow)
P-3 Pattern #1: NOS (Ocean Winds)
G-IV Pattern #1: Internal Processes (TC Diurnal Cycle)
G-IV Module #1: Internal Processes (SEF)
G-IV Pattern #1: Environment Interaction (TC in Shear)
G-IV Module #1: Environment Interaction (Arc Cloud)
END STAGE
Landfall
Weakening/ET
P-3 Module #1: Landfall (Offshore Intense Convection)
P-3 Module #2: Landfall (Coastal Survey)
P-3 Module #3: Landfall (Real-time)
P-3 Module #3: Landfall (SFMR Coastal)
P-3 Module #3: Landfall (SFMR Coastal)
P-3 Pattern #1: Weakening/ET
G-IV Pattern #1: Weakening/ET


OCEAN SURVEY
TC-Ocean Interaction
P-3 Pattern #1: Ocean Survey (Pre-storm)
P-3 Pattern #2: Ocean Survey (In-storm)
P-3 Pattern #3: Ocean Survey (Post-storm)
P-3 Pattern #4: Ocean Survey (Loop Current, Pre- and Post-storm)
P-3 Pattern #5: Ocean Survey (Loop Current, In-storm)
P-3 Pattern #6: Ocean Survey (Float and Drifter)
SYNOPTIC FLOW
Synoptic Flow
P-3 Pattern #1: Synoptic Flow
G-IV Pattern #1: Synoptic Flow
TDR
Tail Doppler Radar (TDR)
P-3 Pattern #1: TDR
G-IV Pattern #1: TDR
P-3 Pattern #2: TDR (Clear Air)
G-IV Pattern #2: TDR (Clear Air)
SFMR
HiSFMR
P-3 Module #1: HiSFMR
G-IV SFMR Validation
P-3 Module #1: G-IV SFMR Validation
G-IV Module #1: G-IV SFMR Validation


KEY
IFEX GOAL 1
IFEX GOAL 2
IFEX GOAL 3
MODULE
LAWNMOWER
SQUARE SPIRAL
BUTTERFLY
FIG. 4 / ROTATED FIG. 4
FIG. 4 + CIRCUMNAVIGATION
G-IV CIRCUMNAVIGATION
G-IV STAR (+CIRCUMNAV.)
NON-STANDARD PATTERN
ANY STANDARD PATTERN