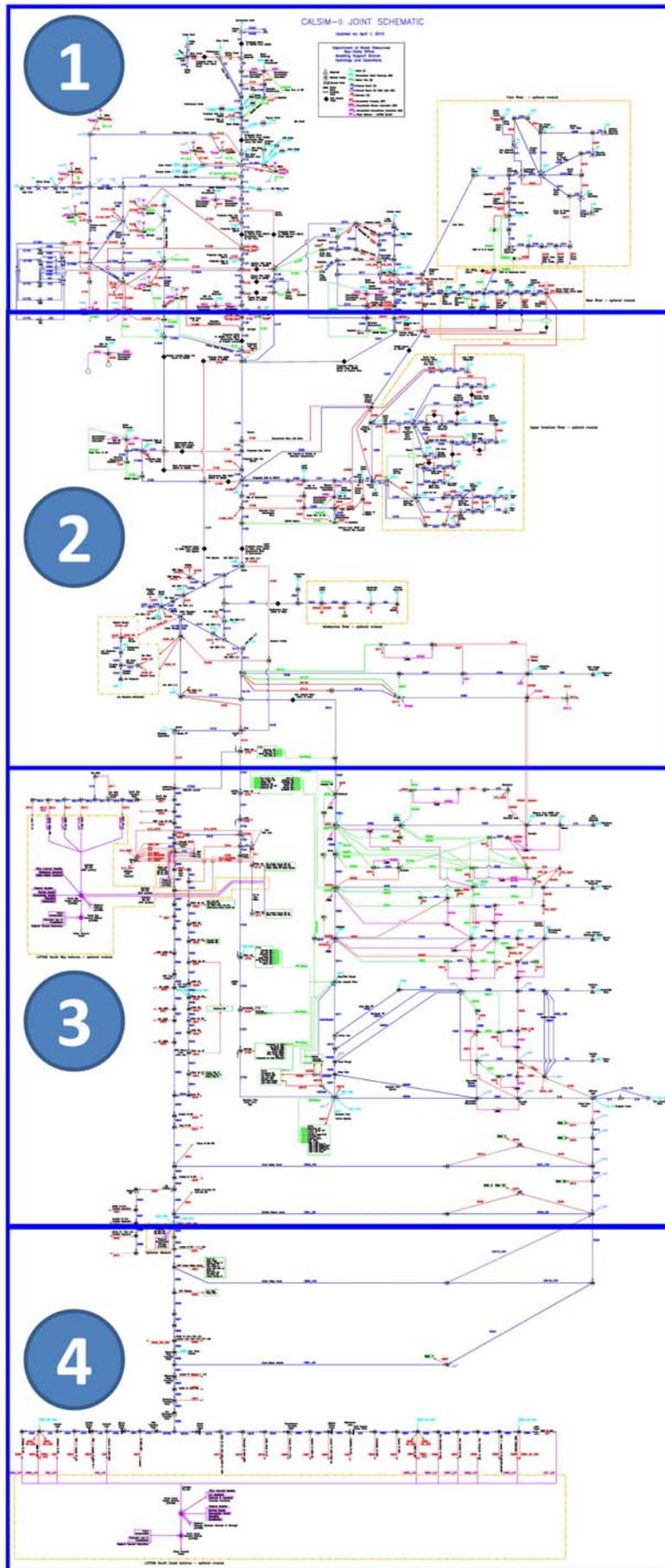


Bay-Delta Conservation Plan EIR/EIS Appendix 5A
Section D: Additional Modeling Information

Attachment 6

CALSIM II and DSM2 Schematics used for Bay-Delta Conservation Plan Modeling

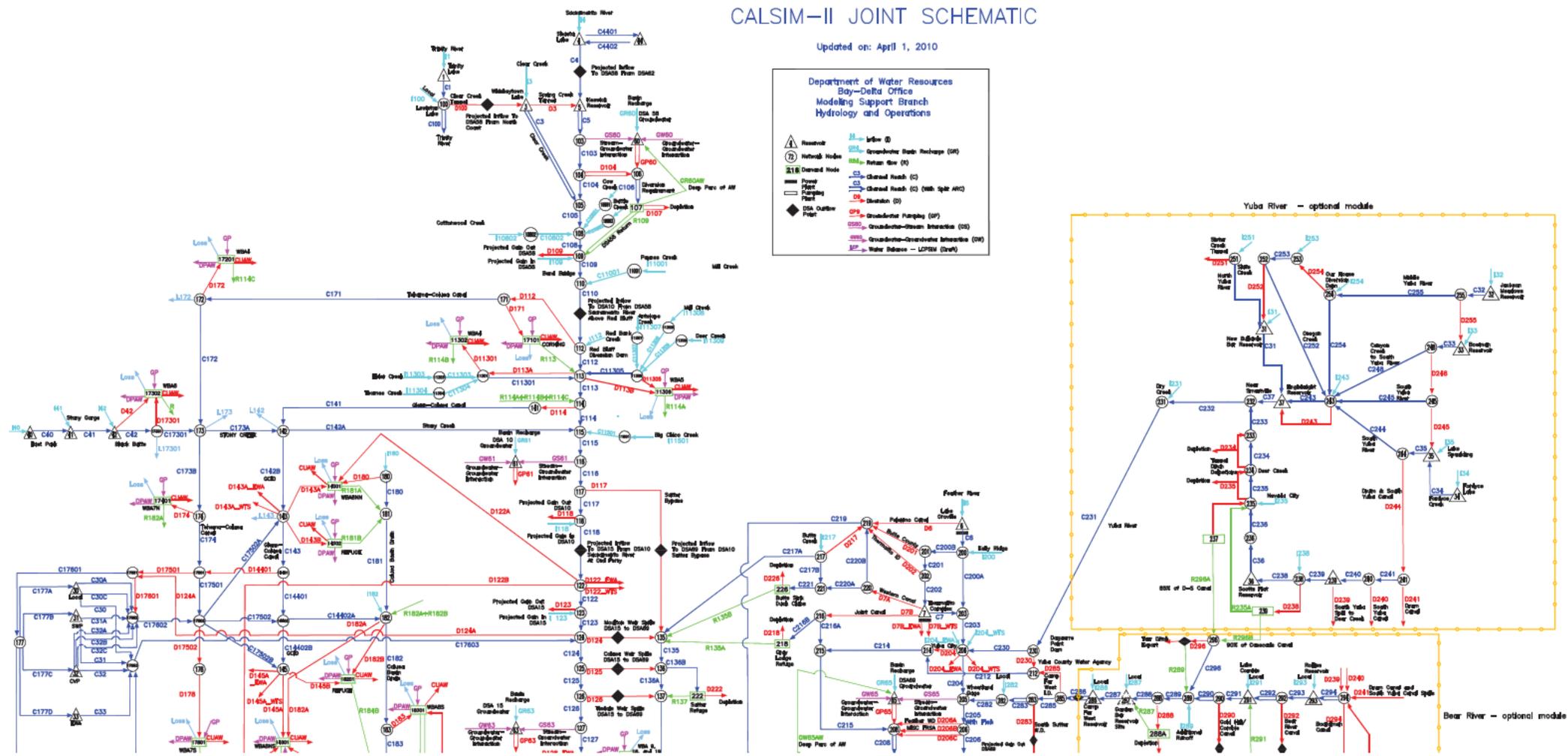


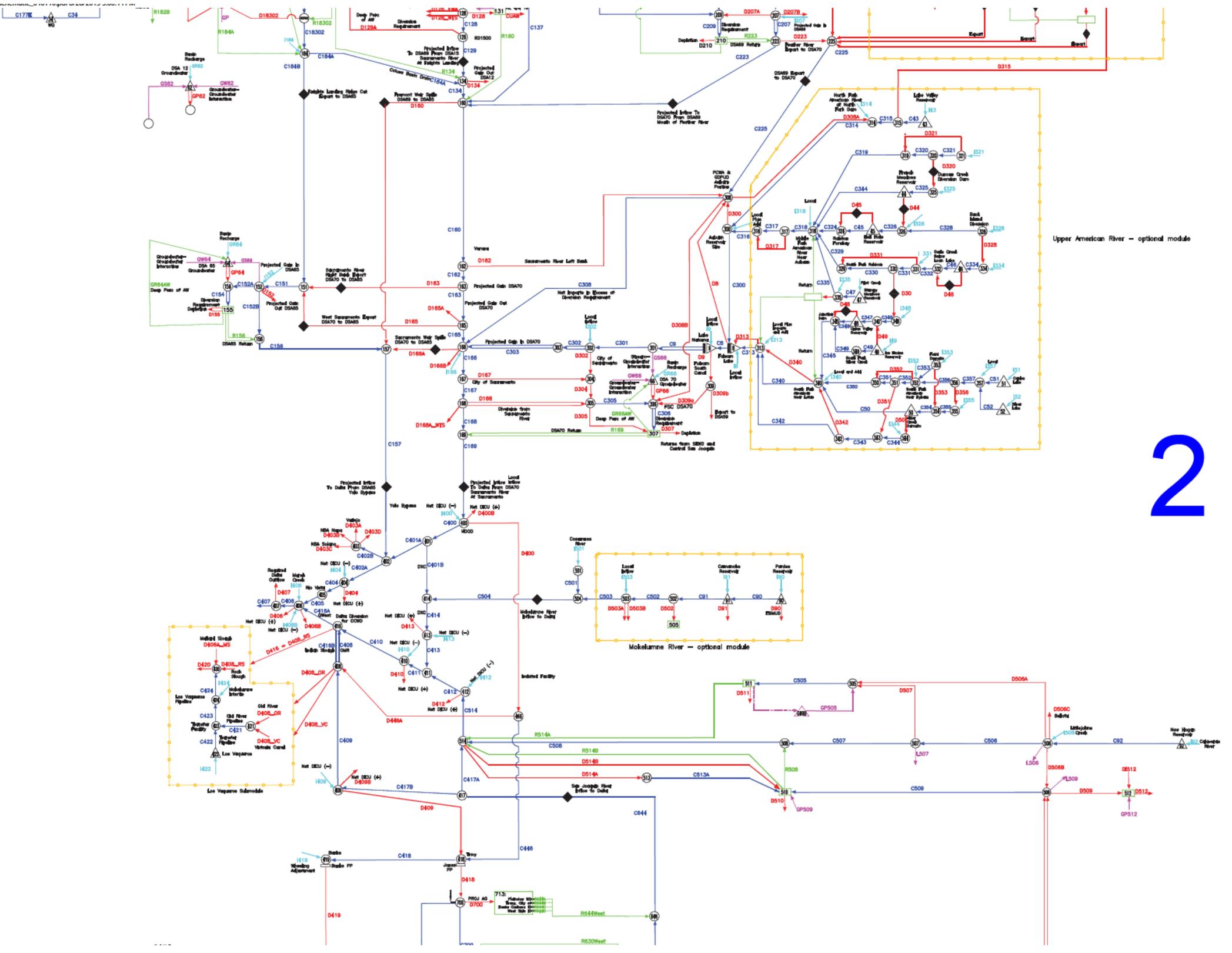
CALSIM-II JOINT SCHEMATIC

Updated on: April 1, 2010

Department of Water Resources
Bay-Delta Office
Modeling Support Branch
Hydrology and Operations

	Reservoir		Inflow (I)
	Network Node		Operational Basin Recharge (OR)
	Demand Node		Return Flow (R)
	Pump		Channel Reach (C)
	Pumping Plant		Channel Reach (C) with Spill AIC
	DGA Outlet Point		Diverter (D)
			Groundwater Pumping (GP)
			Groundwater-Stream Interaction (GS)
			Groundwater-Overland Interaction (OW)
			Water Balance - LPSM (WB)

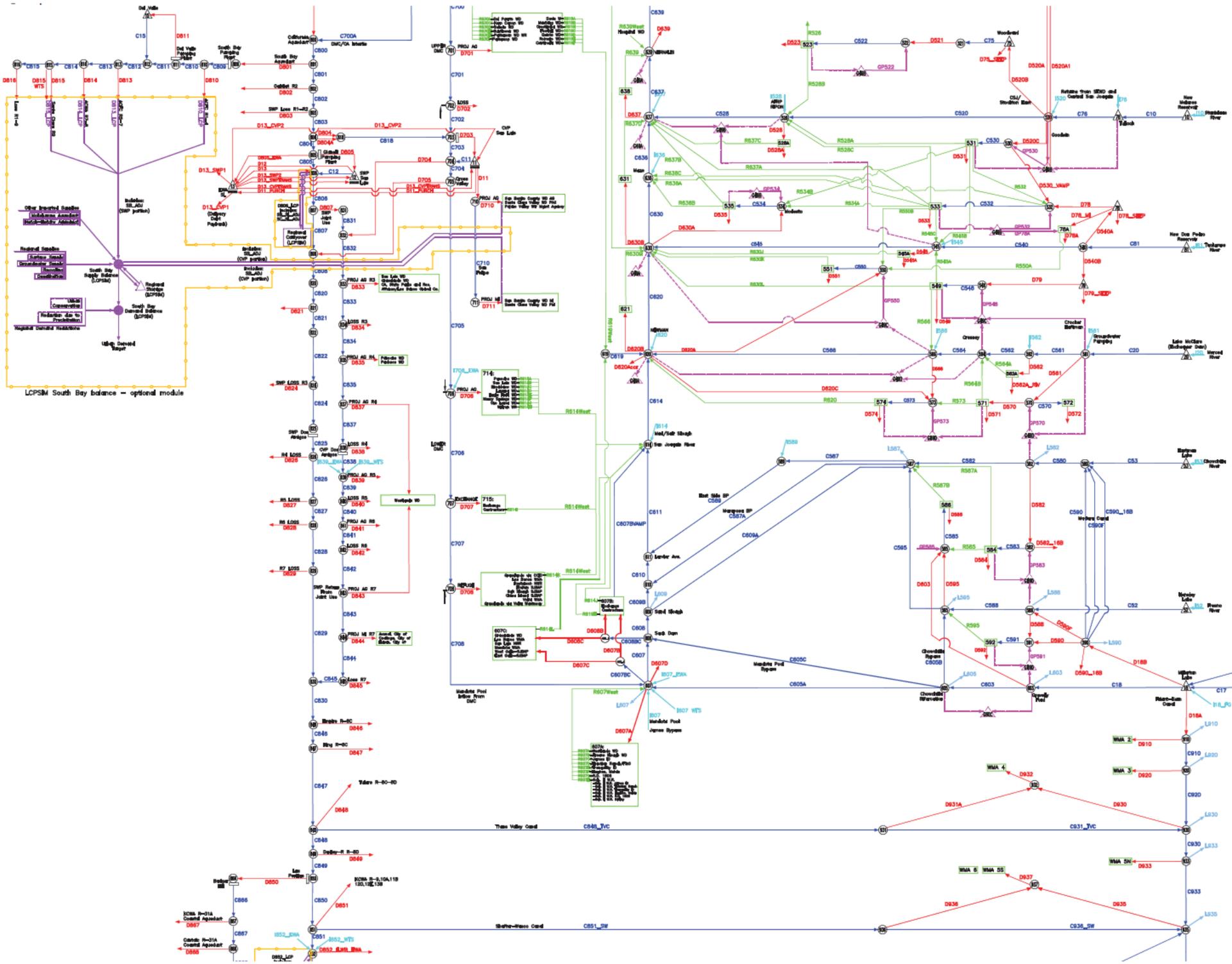




Upper American River - optional module

Mokelumne River - optional module

2



3

CDMG Contra Costa Water District
 CDEC California Data Exchange Center
 DWR CA Dept of Water Resources
 EDMUD East Bay Municipal Utility District
 NOAA National Oceanic & Atmospheric Admin.
 UCSB Univ. of California at Berkeley
 USBR US Bureau of Reclamation
 USGS US Geological Survey

DWR DELTA SIMULATION MODEL
GRID VERSION 2.0
 AUGUST 2002

- MISC DATA STATION
- MULTI-PARAMETER STATION
- EC STATION
- STAGE STATION
- STAGE-MP STATION
- STAGE-EC STATION
- FLOW AND/OR VELOCITY
- DIRECTION OF FLOW
- ← DAYFLOW PARAMETER

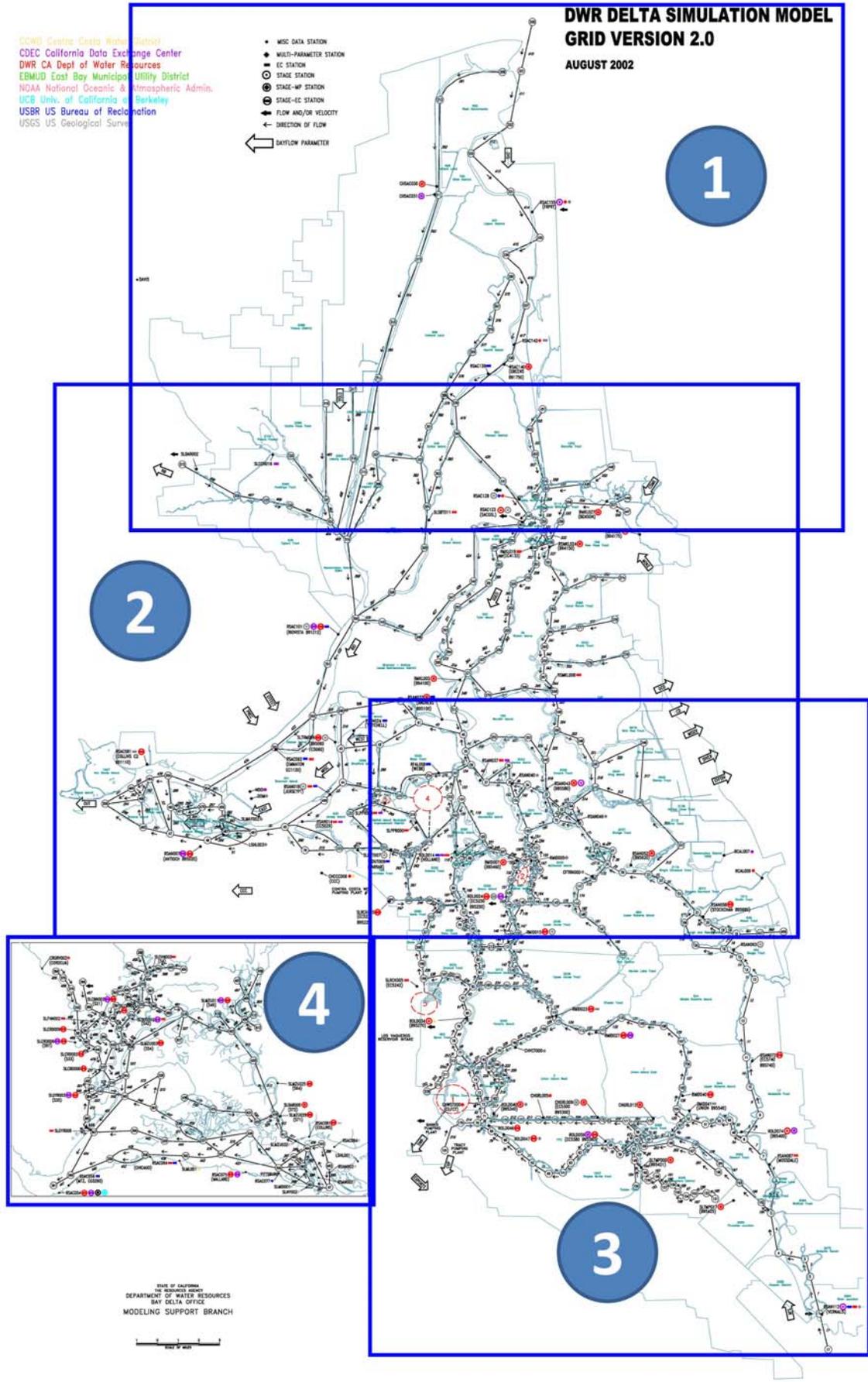
1

2

4

3

STATE OF CALIFORNIA
 DEPARTMENT OF WATER RESOURCES
 BAY DELTA OFFICE
 MODELING SUPPORT BRANCH

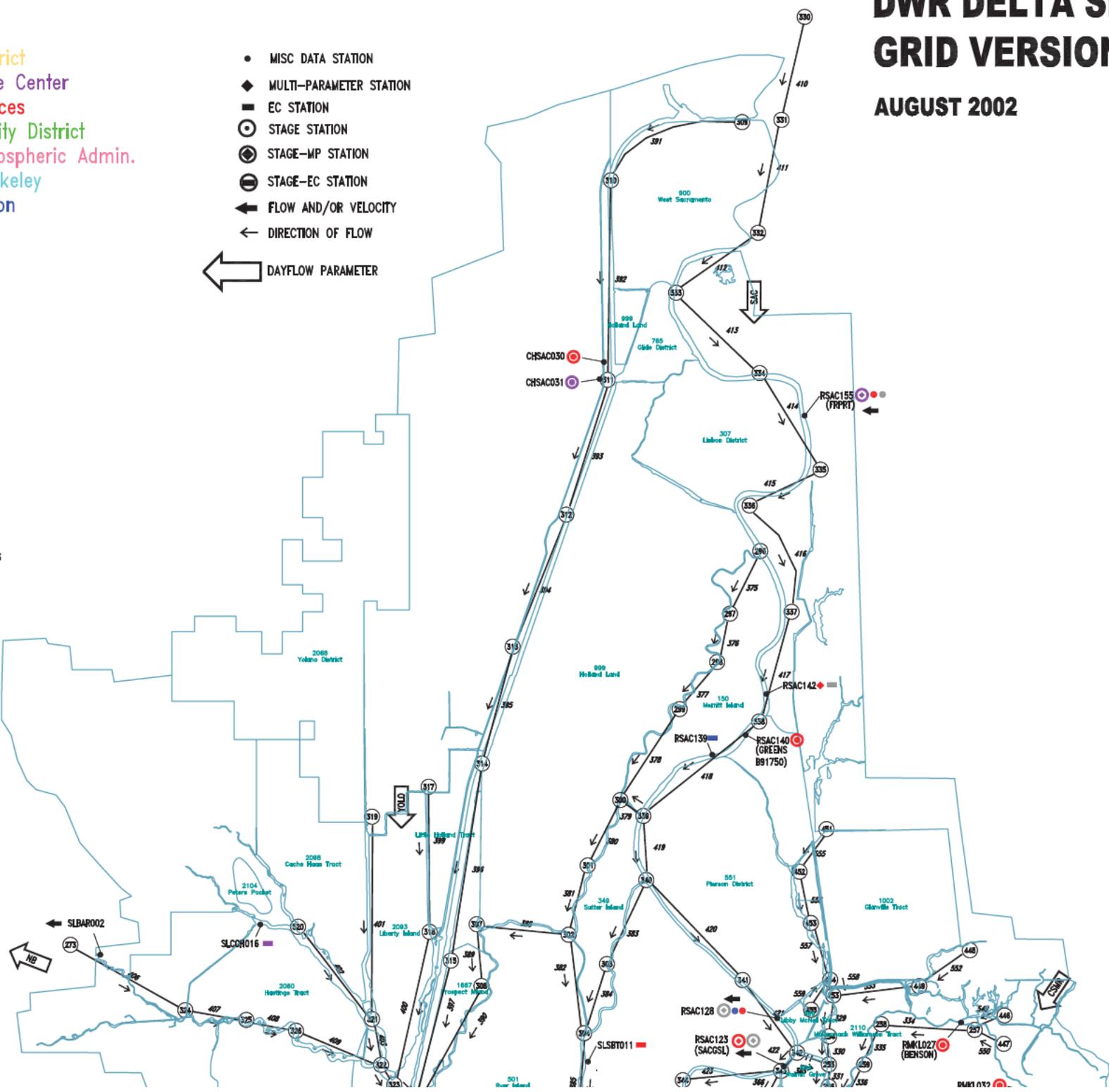


DWR DELTA SIMULATION MODEL GRID VERSION 2.0

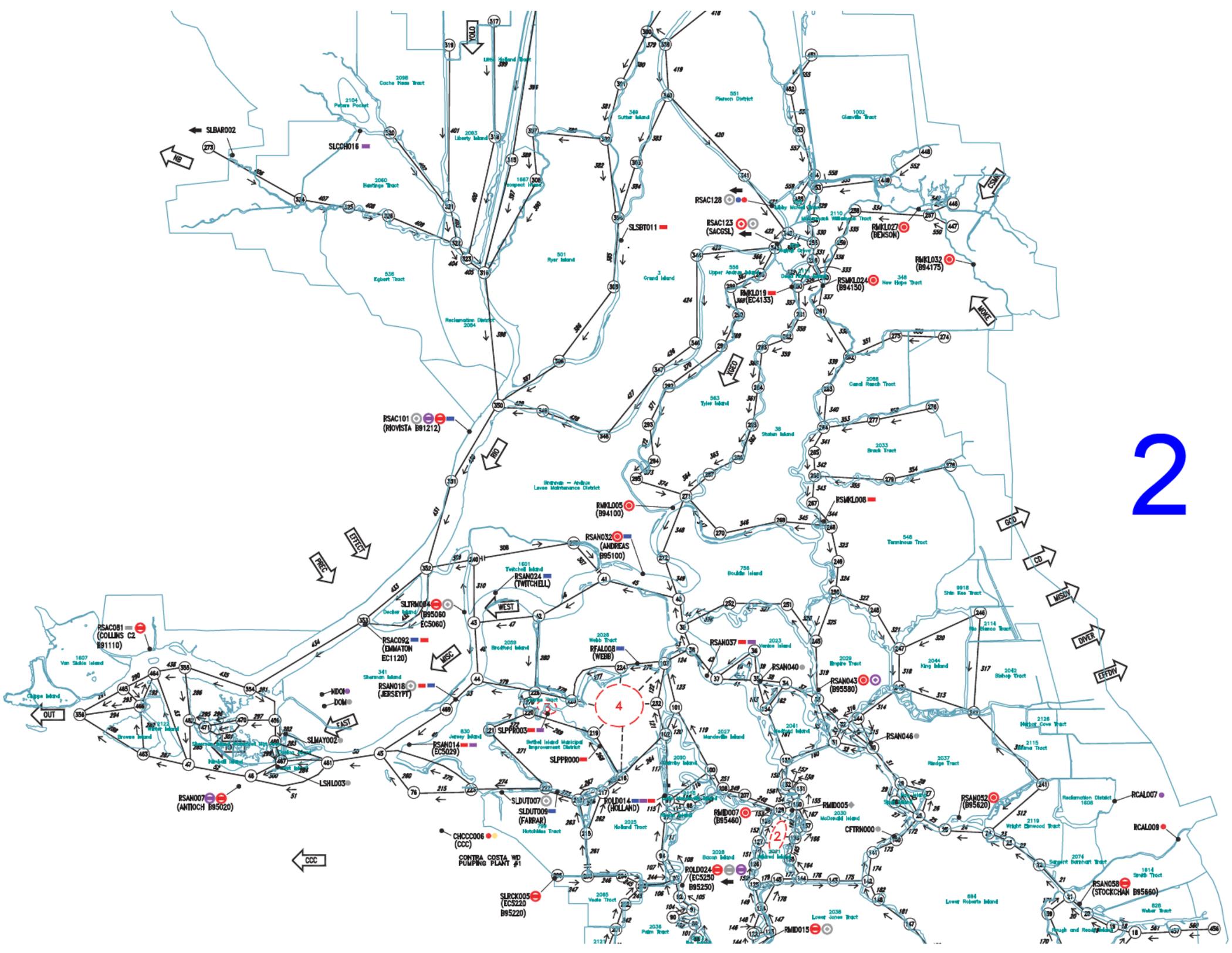
AUGUST 2002

District
 Range Center
 sources
 Utility District
 Atmospheric Admin.
 Berkeley
 mation

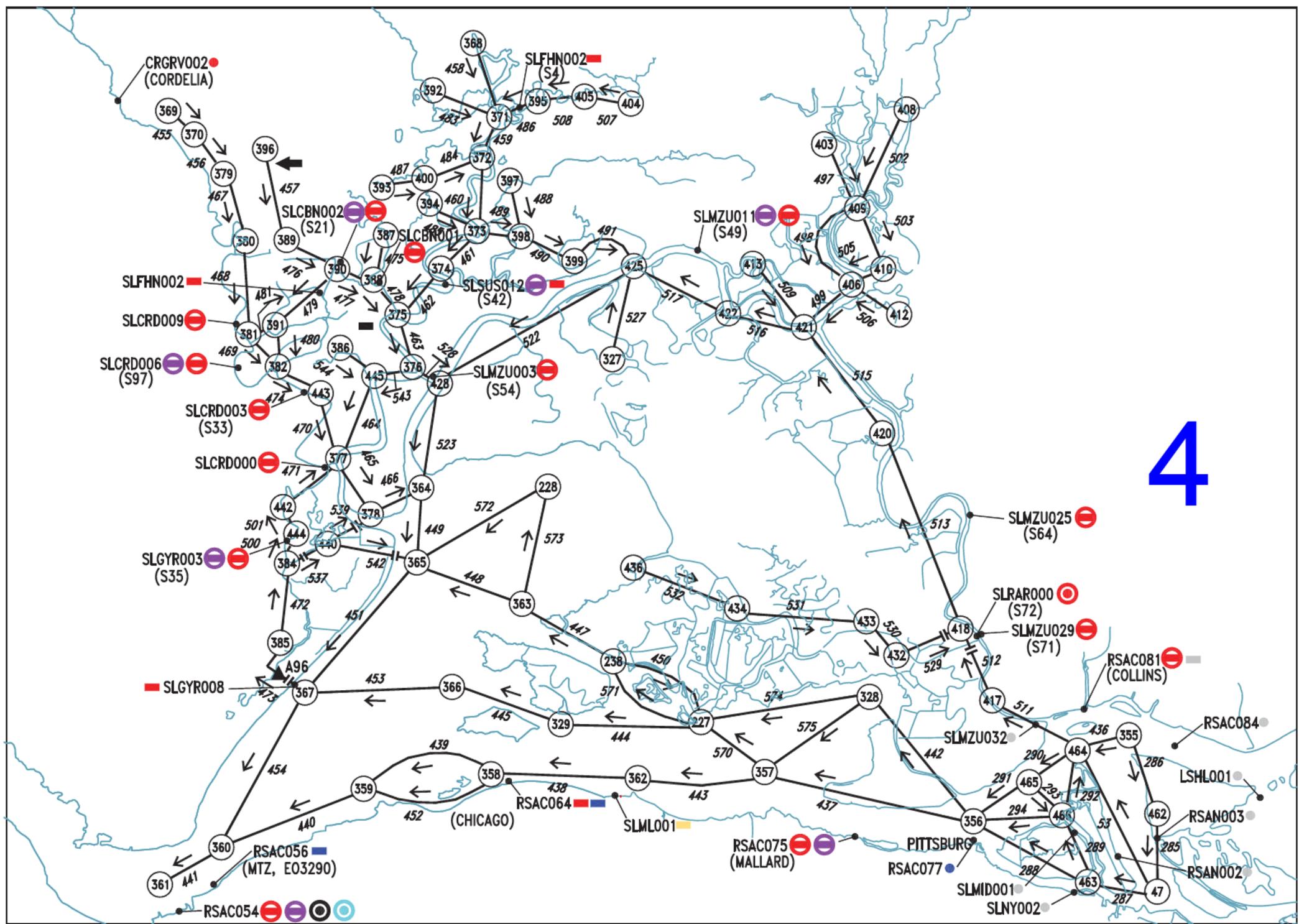
- MISC DATA STATION
- ◆ MULTI-PARAMETER STATION
- EC STATION
- ⊙ STAGE STATION
- ⊕ STAGE-MP STATION
- ⊖ STAGE-EC STATION
- ← FLOW AND/OR VELOCITY
- ← DIRECTION OF FLOW
- ← DAYFLOW PARAMETER



1

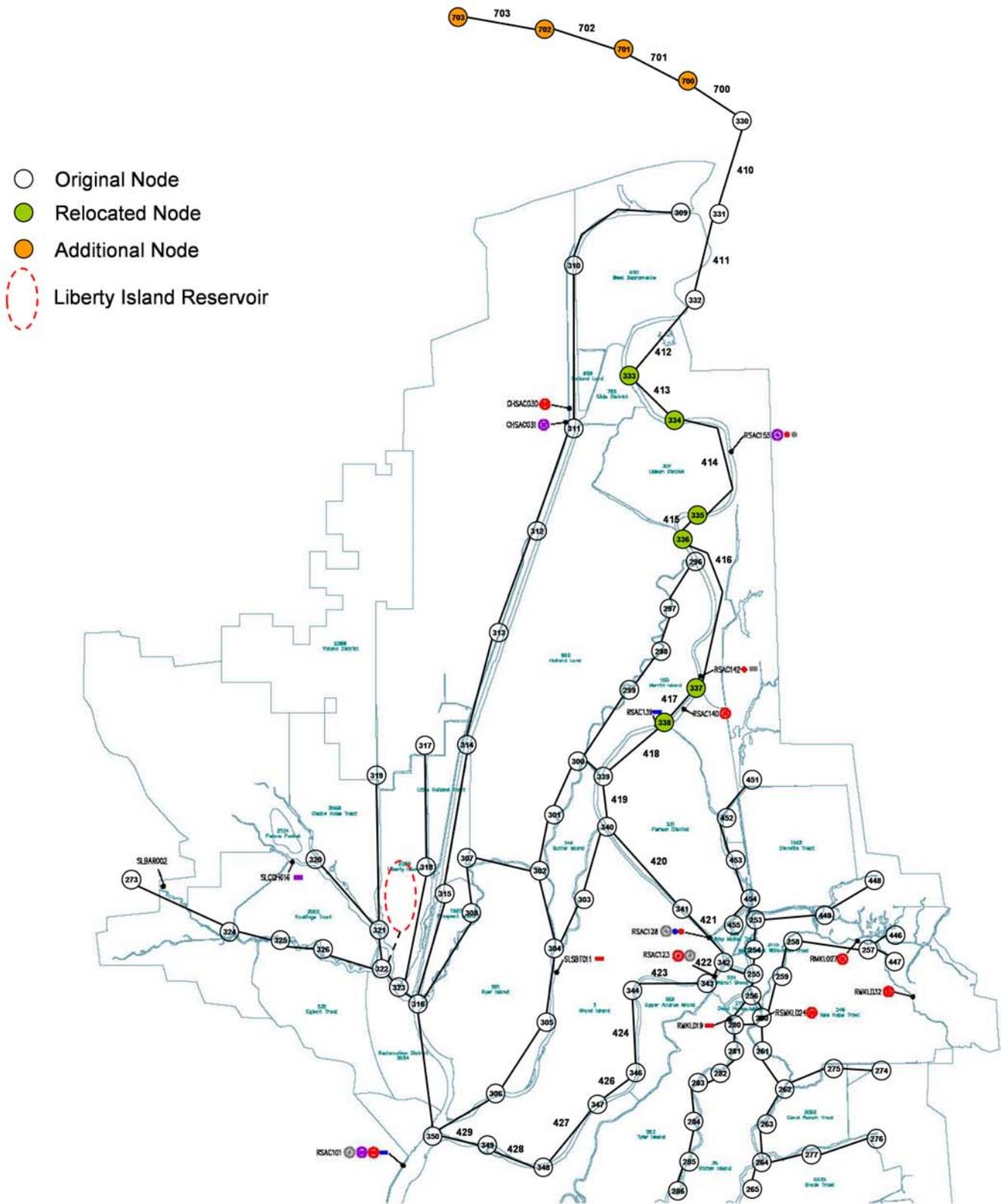


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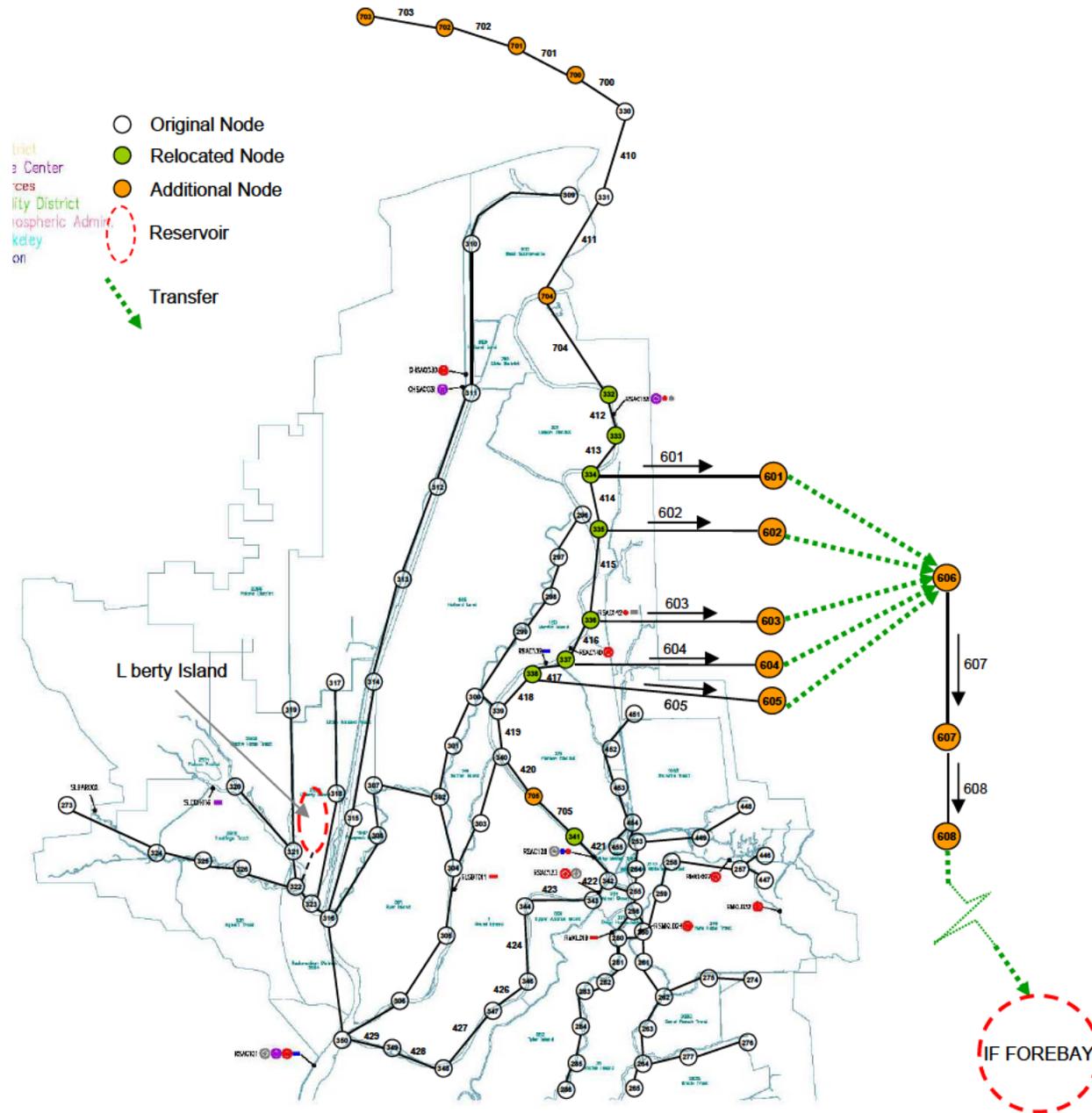


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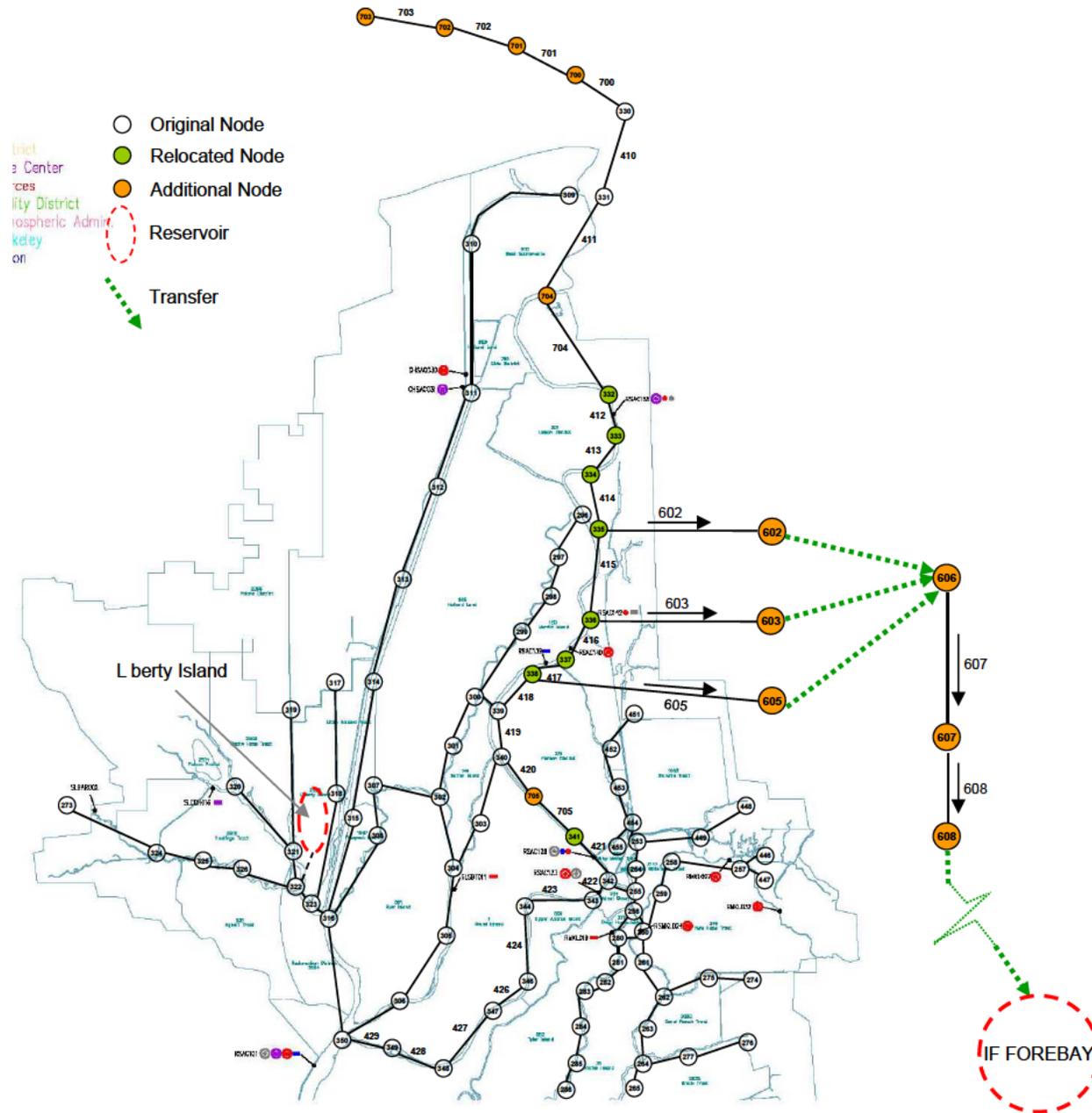
2009 BDCP Calibration Grid



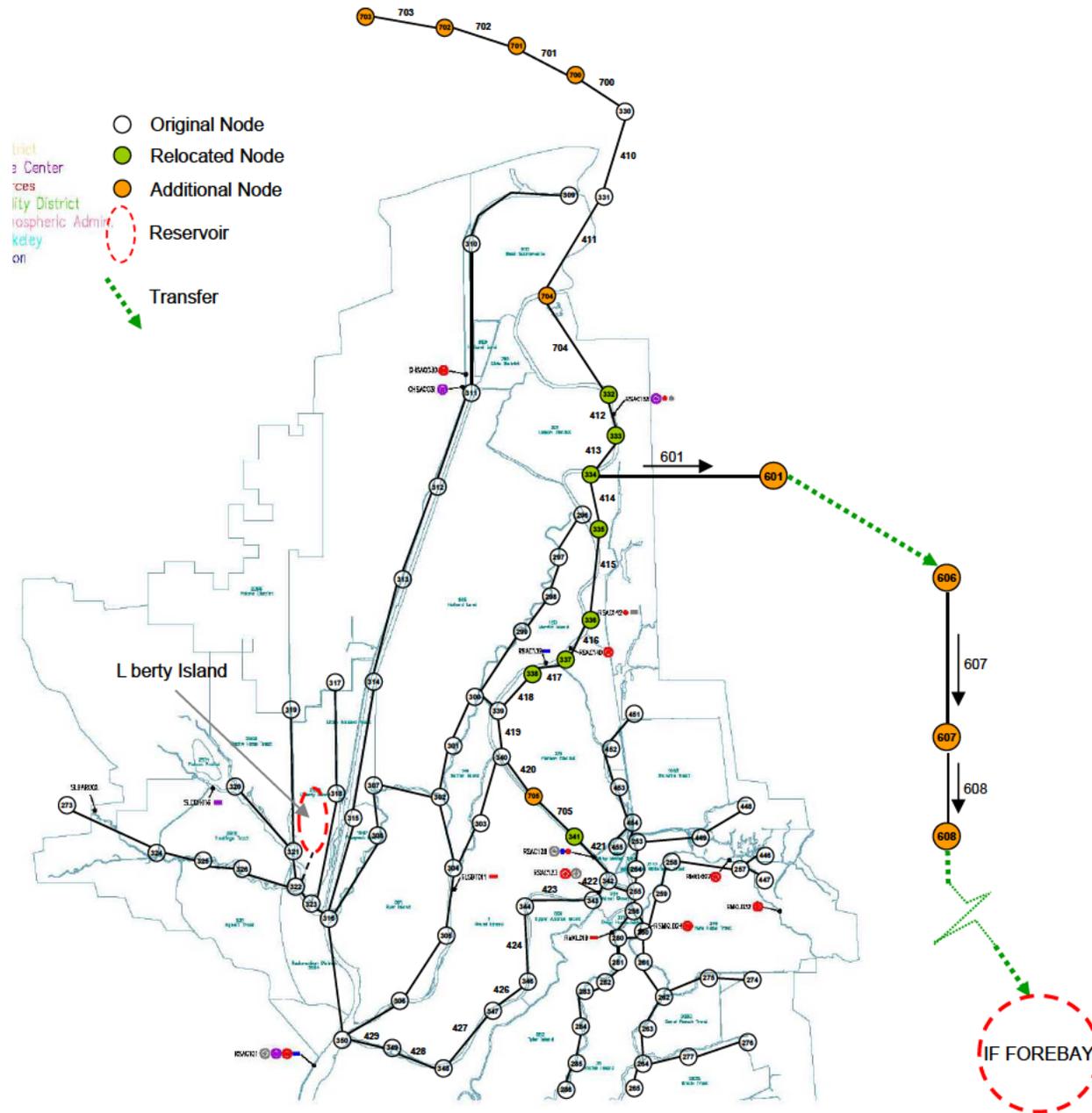
DSM2 Grid Modifications for North Delta Intakes in Alternatives 1A, 1B, 1C, 6A, 6B and 6C

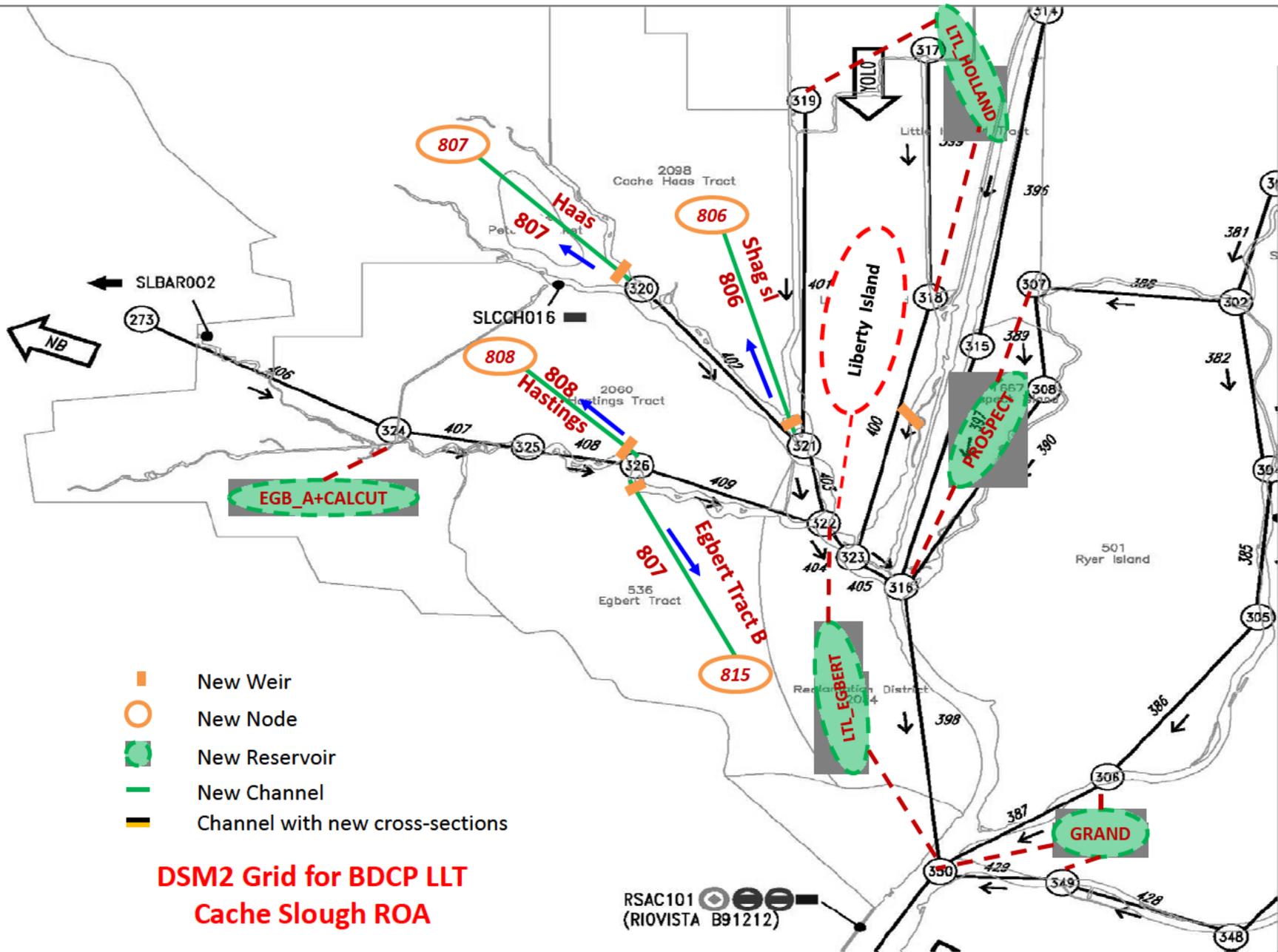


DSM2 Grid Modifications for North Delta Intakes in Alternatives 4, 7 and 8

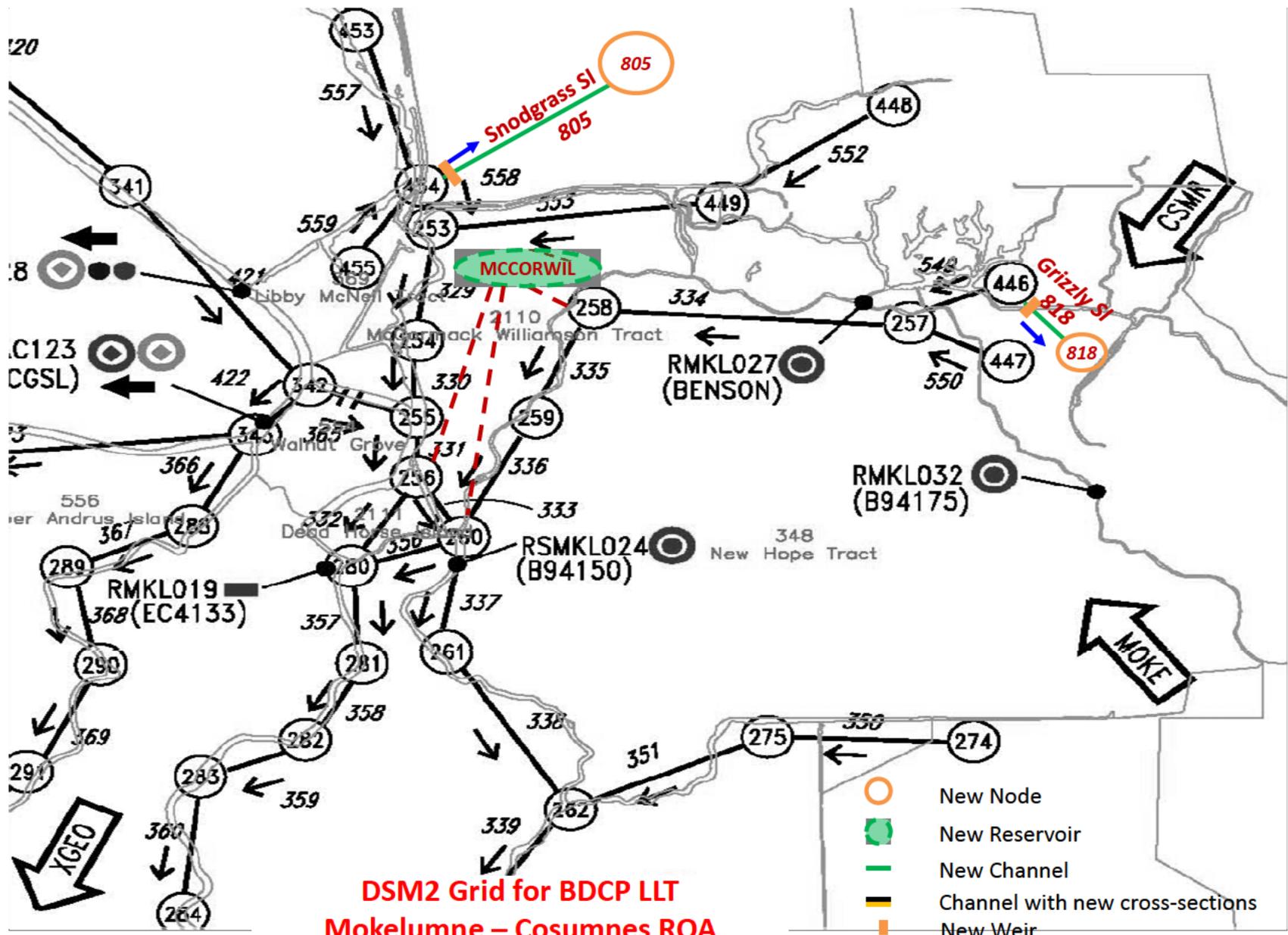


DSM2 Grid Modifications for North Delta Intakes in Alternative 5



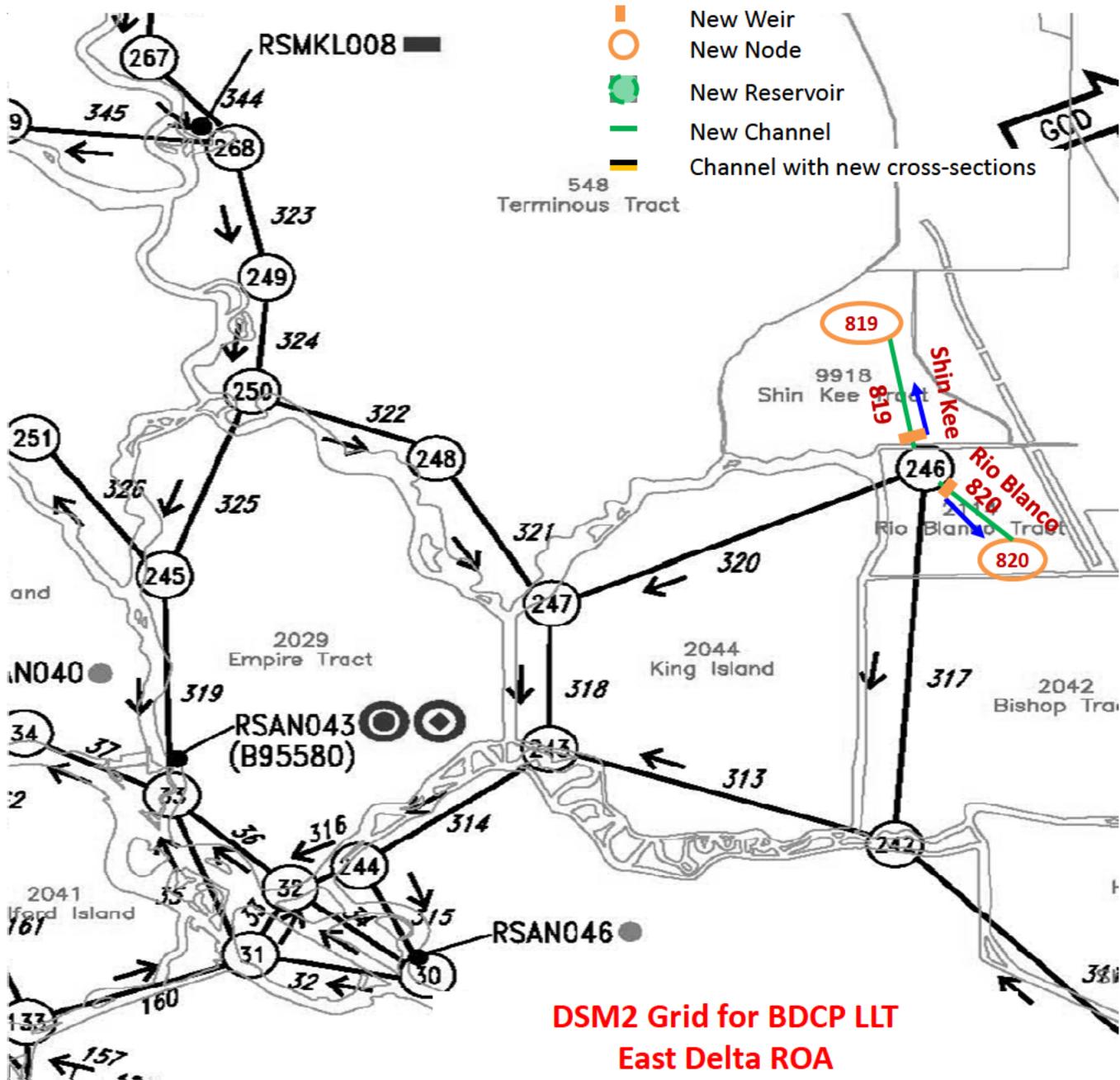


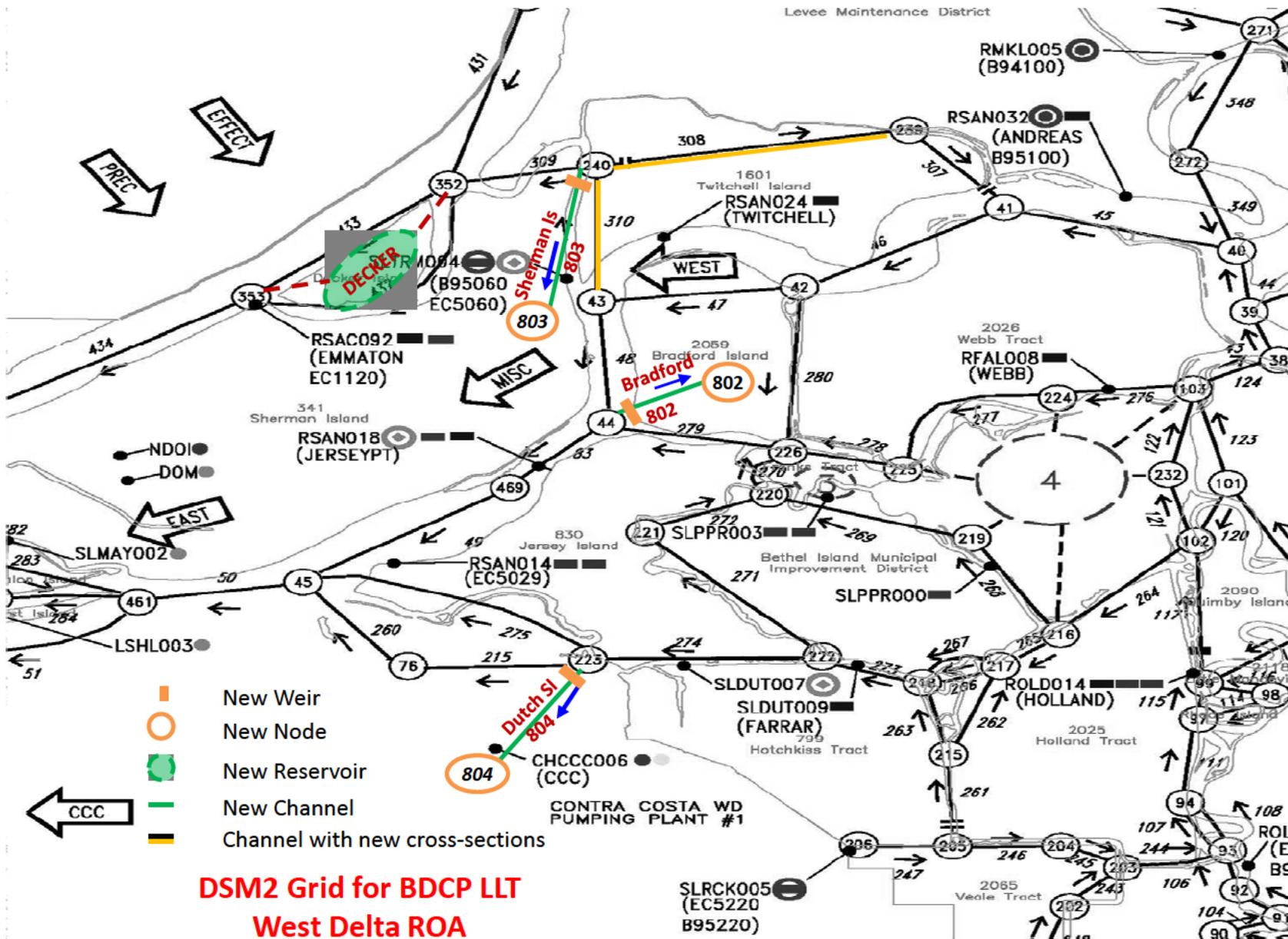
**DSM2 Grid for BDCP LLT
Cache Slough ROA**



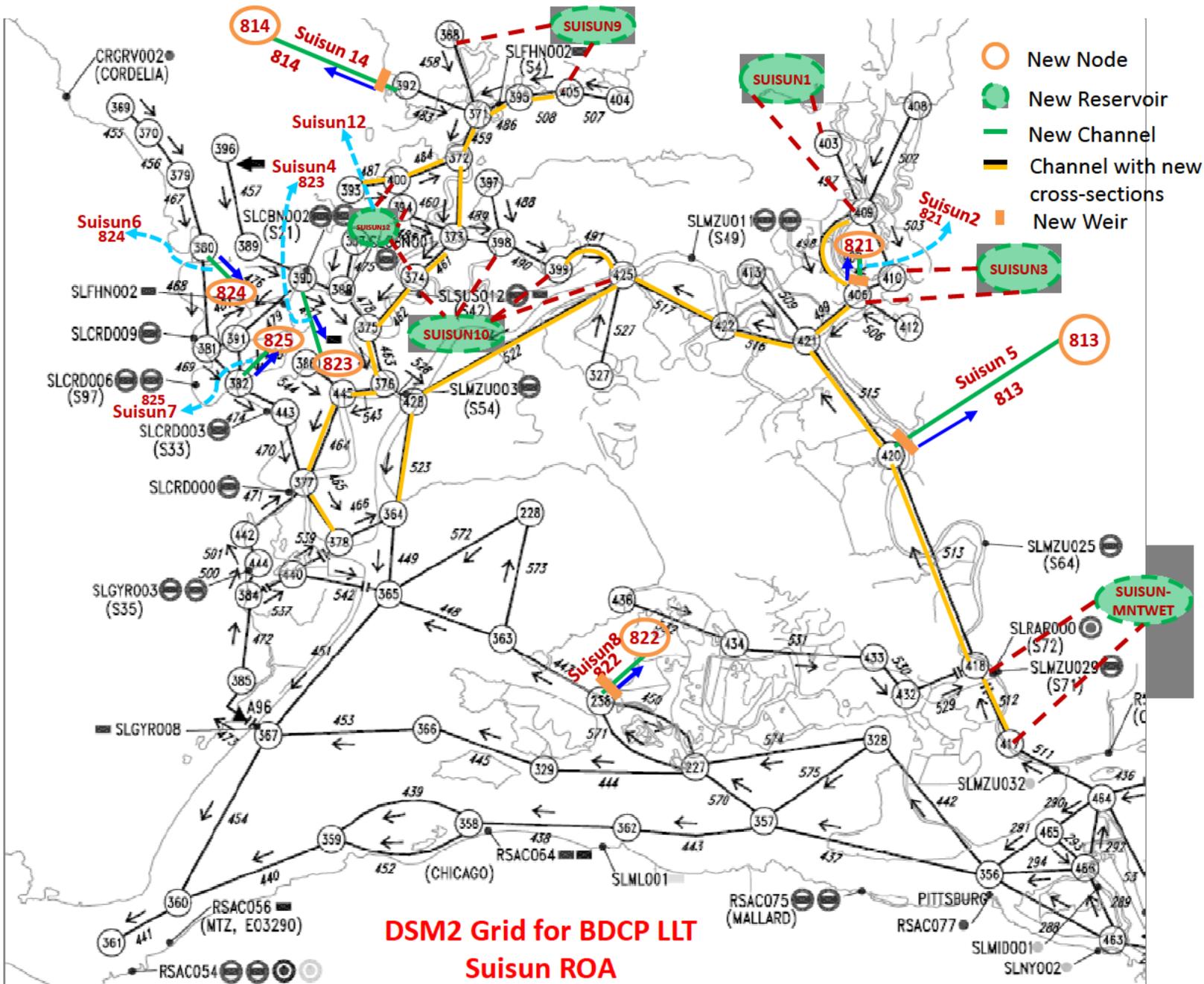
**DSM2 Grid for BDCP LLT
Mokelumne – Cosumnes ROA**

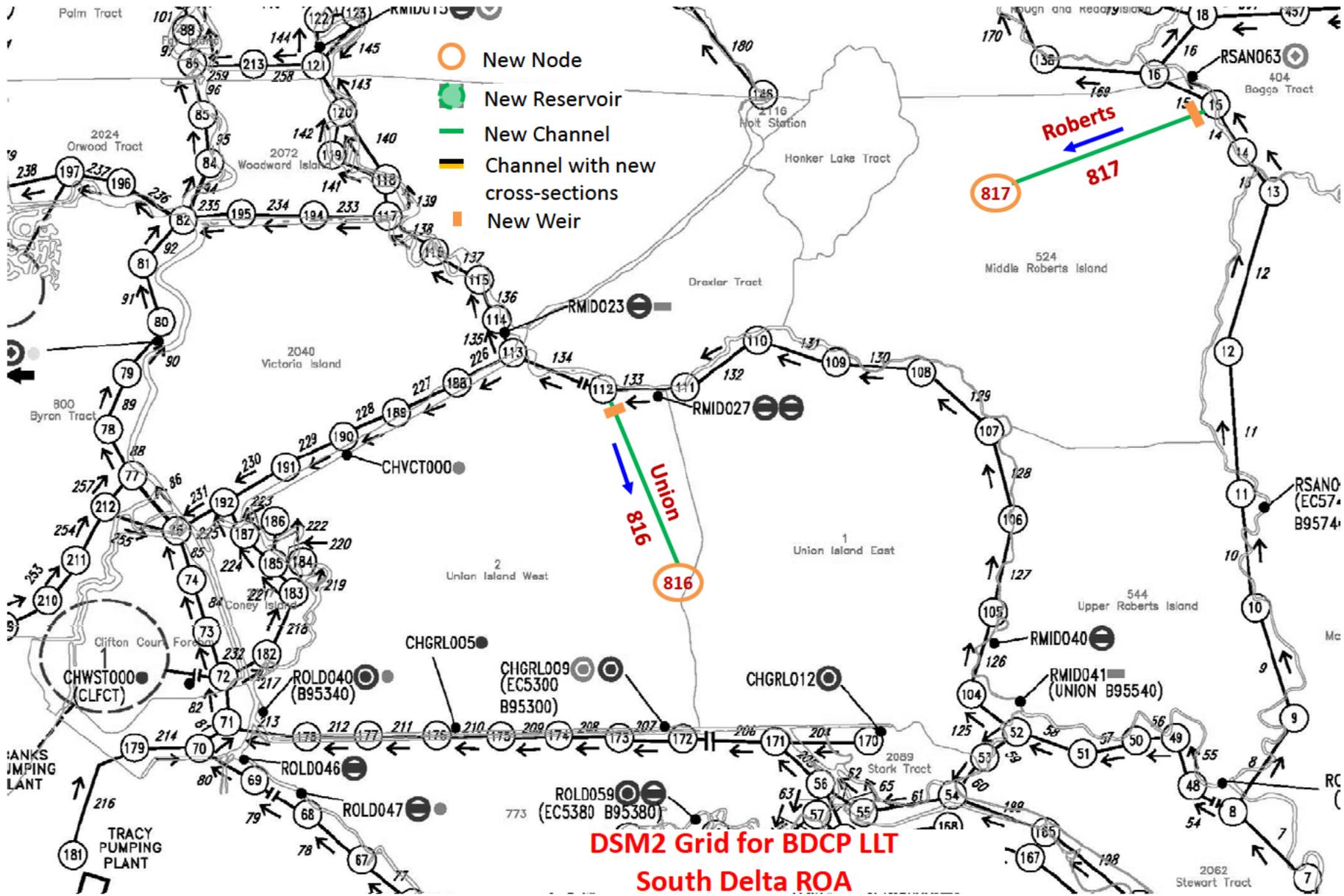
- New Node
- New Reservoir
- New Channel
- Channel with new cross-sections
- New Weir





**DSM2 Grid for BDCP LLT
West Delta ROA**





- New Node
- New Reservoir
- New Channel
- Channel with new cross-sections
- New Weir

DSM2 Grid for BDCP LLT
South Delta ROA