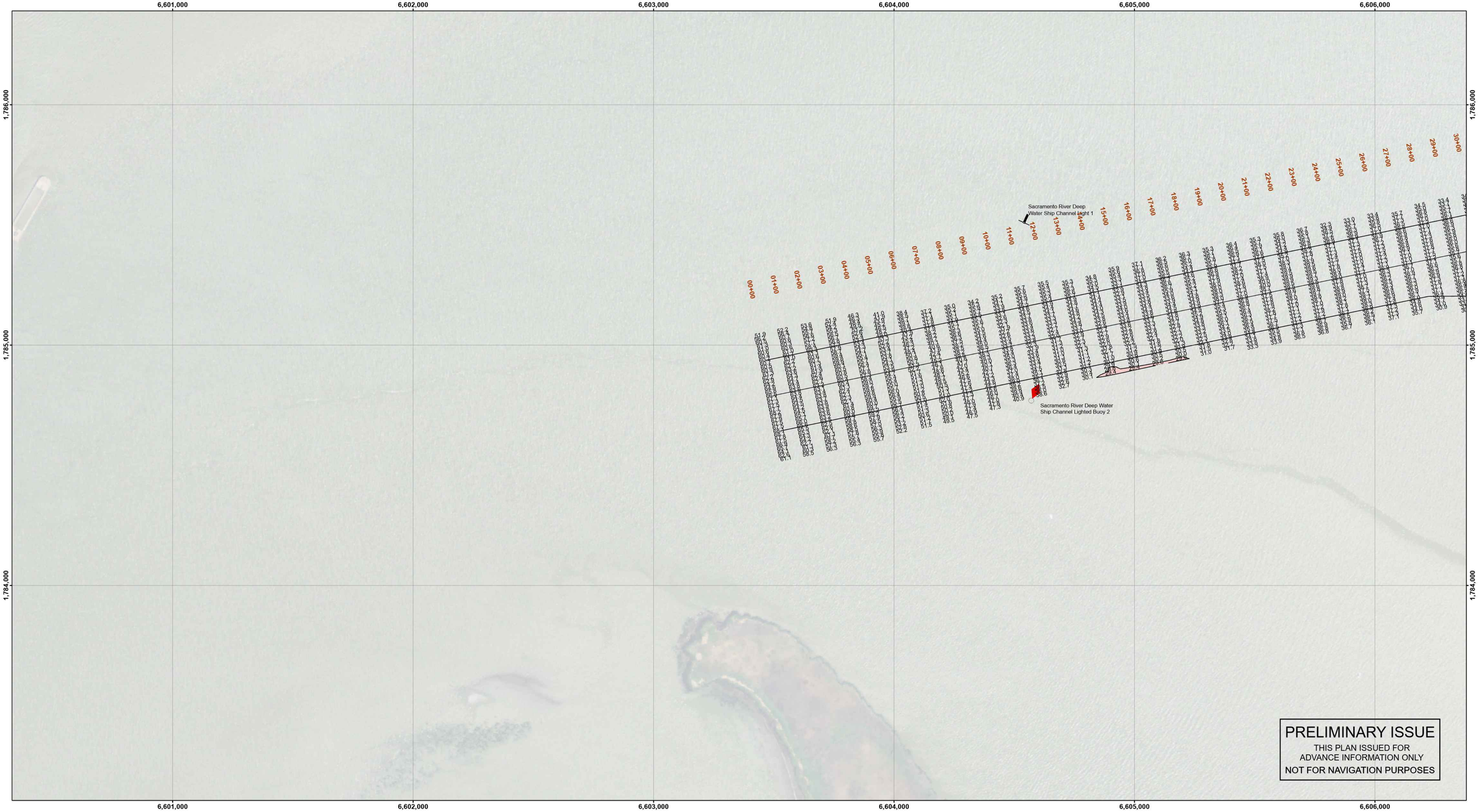

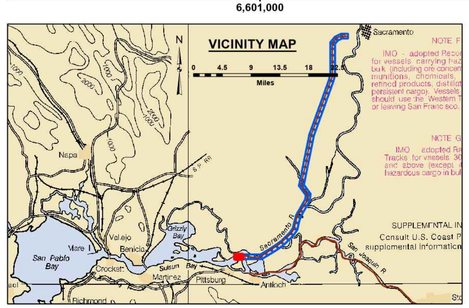

Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
- -30
- -29
- -28
- -27
- -26

N W E S

NOTES:
DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY, THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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Surveyed By: Chart Date: Jan 28, 2026
Plotted By: PDT Designed by:
Checked By: PDT Drawn by: PDT

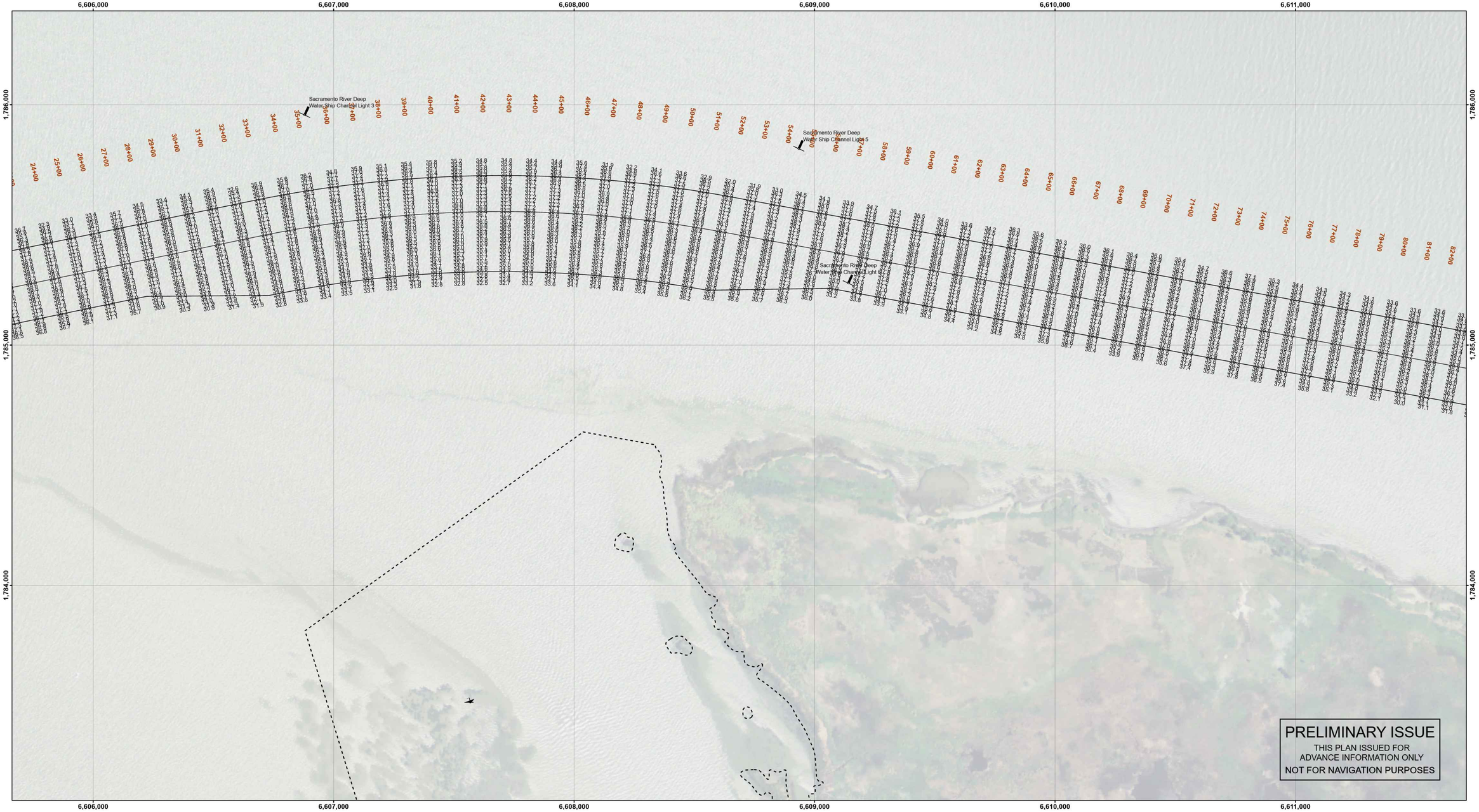
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

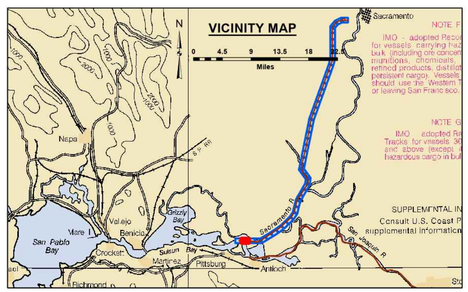
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
1 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours

- -30
- -29
- -28
- -27
- -26

N W E S

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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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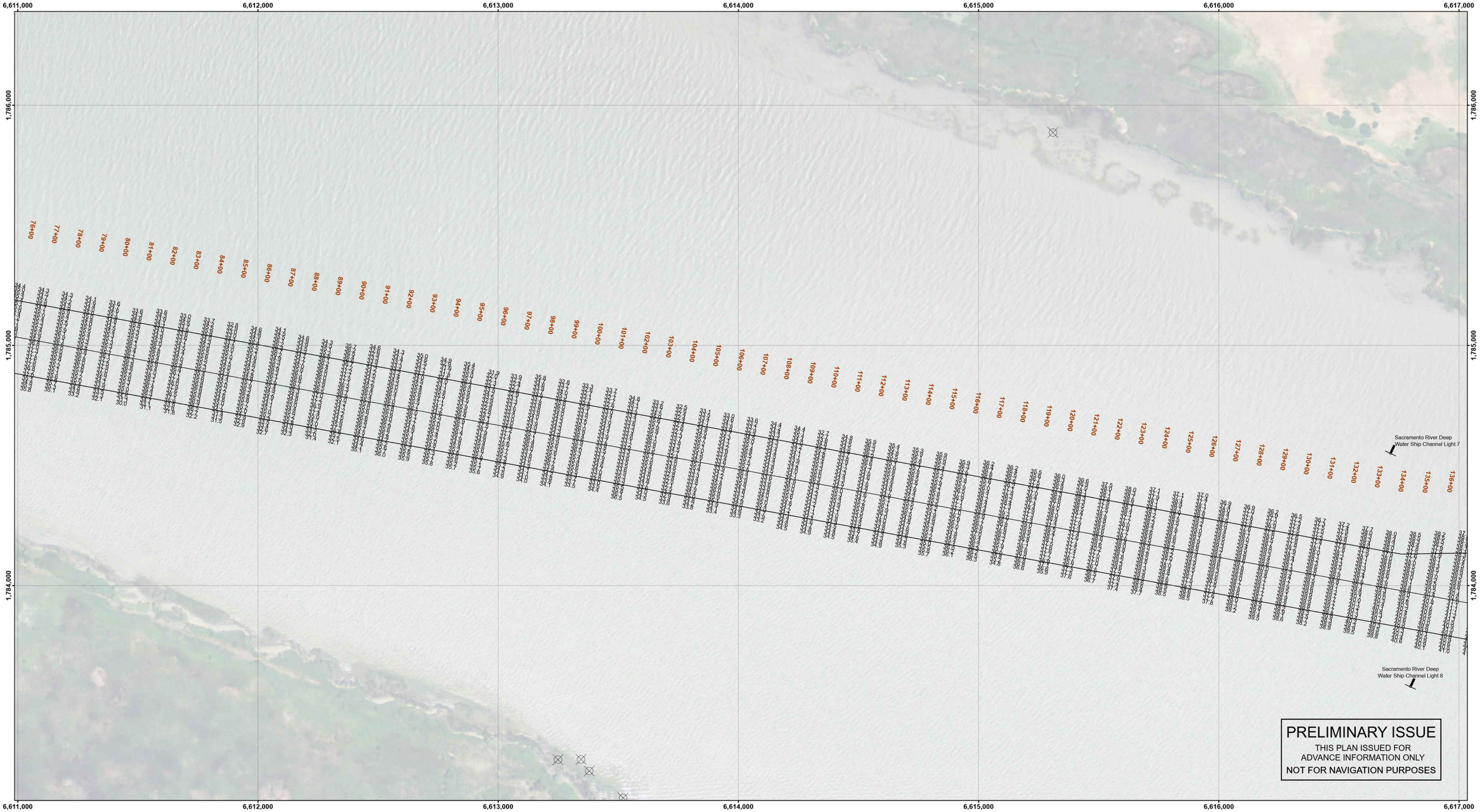
PREPARED UNDER THE DIRECTION OF VIRGINIA R. BRICKNER LT COLONEL U.S. ARMY CORPS ENGINEERS	Surveyed By:	Chart Date: Jan 28, 2026
	Plotted By: PDT	Designed by:
Submitted: Technical Services Section Leader		
Recommended: Chief, Technical Services Section	Checked By: PDT	Drawn by: PDT
Approved: Chief, Geospatial Branch		

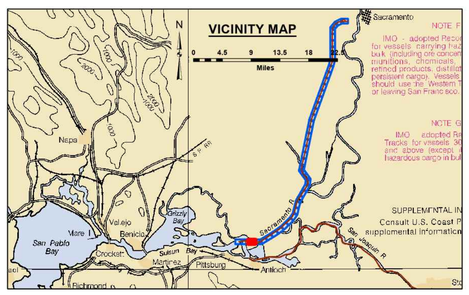
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
2 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
- -30
- -29
- -28
- -27
- -26

N W E S

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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF:
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

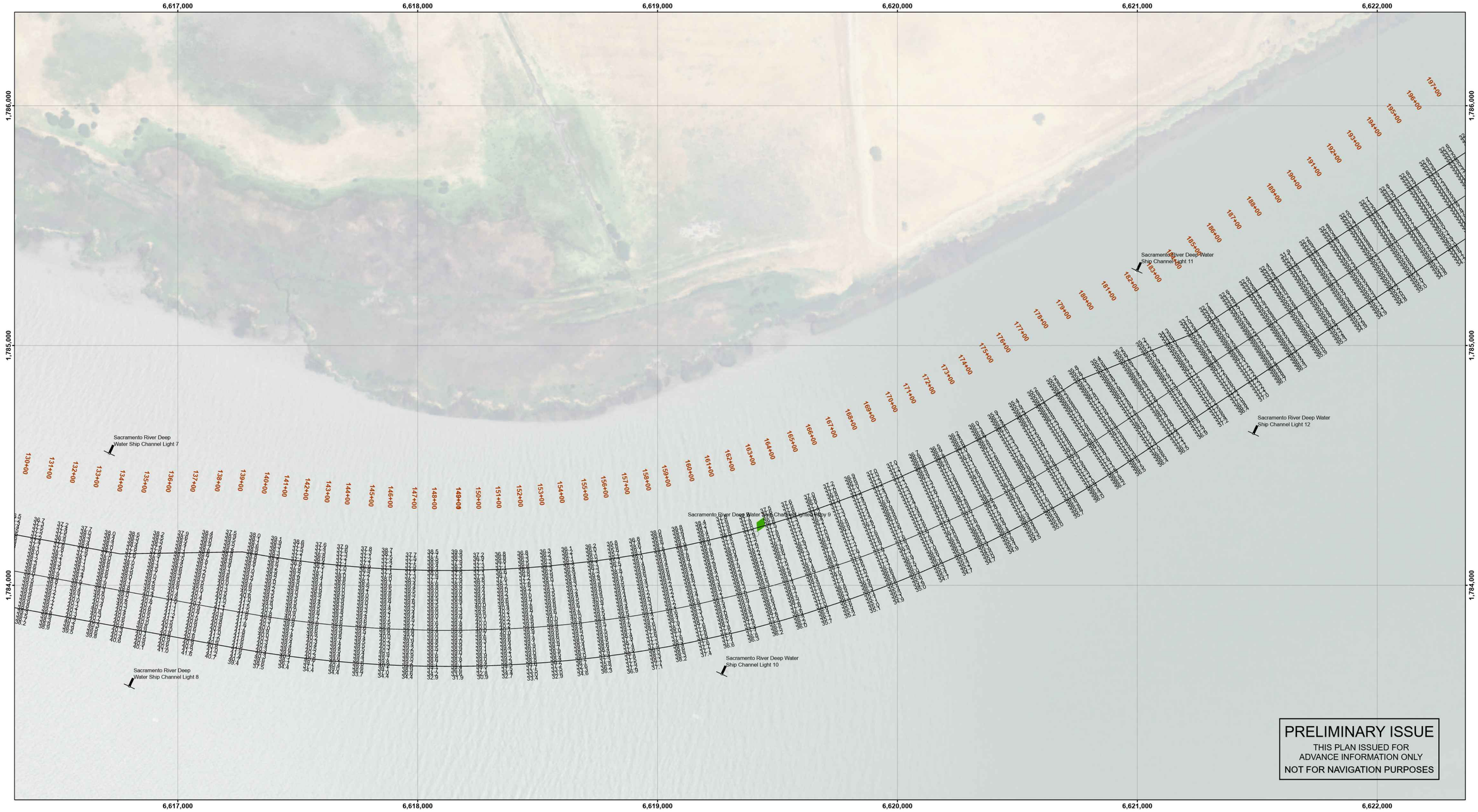
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

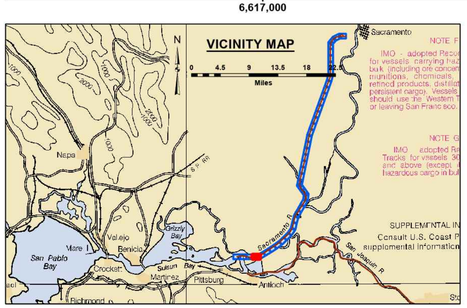
Surveyed By:
Plotted By: PDT
Checked By: PDT
Drawn by: PDT
Chart Date: Jan 28, 2026
Designed by:

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number 3 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
-28
-27
-26

N W E S

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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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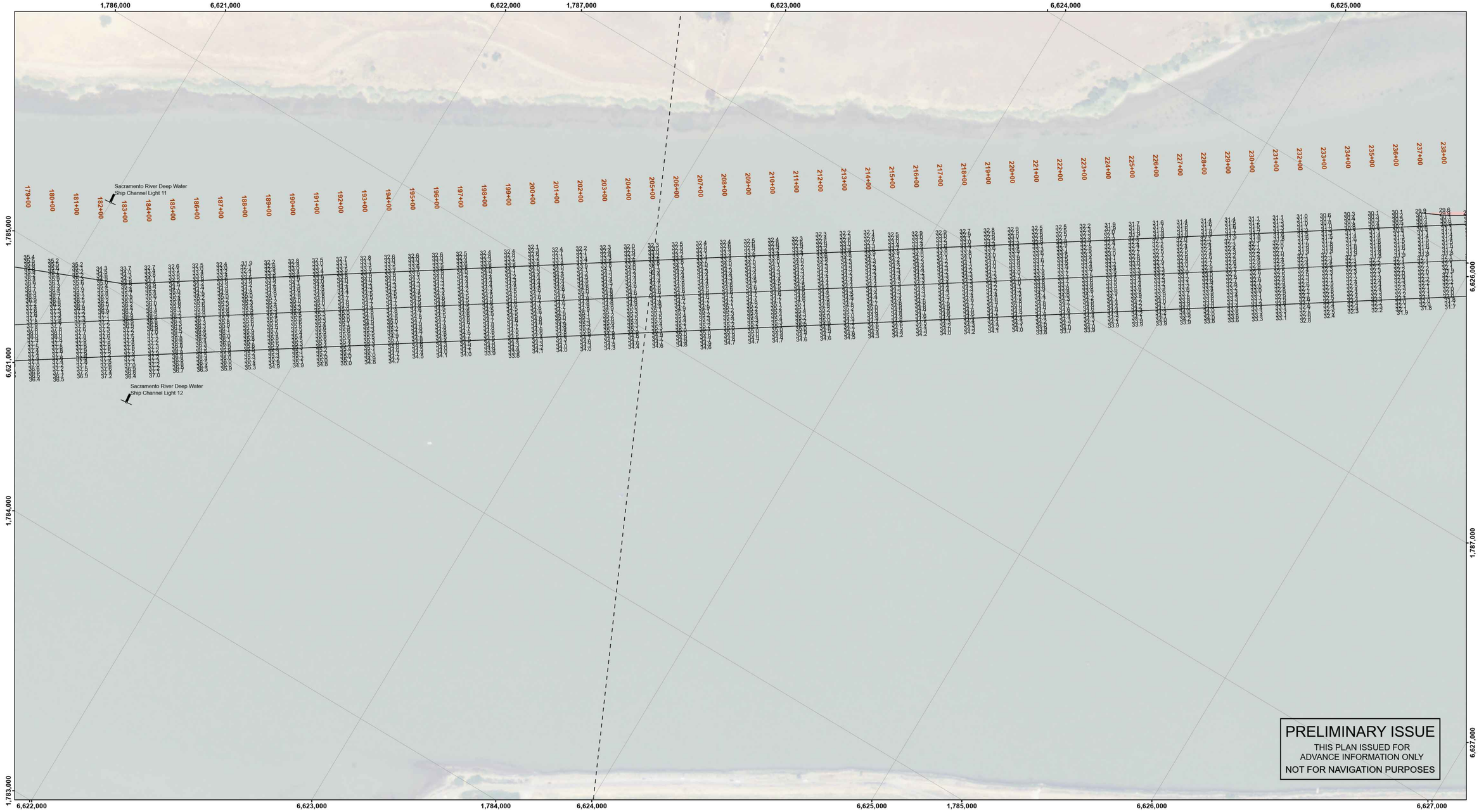
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

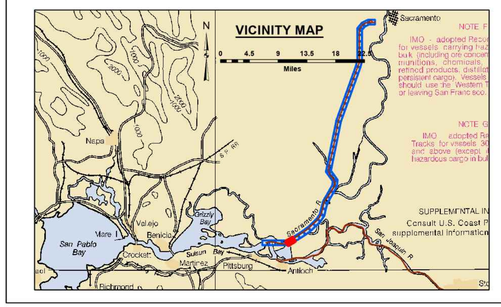
Submitted: Technical Services Section Leader	Surveyed By:	Chart Date: Jan 28, 2026	
Recommended: Chief, Technical Services Section	Plotted By: PDT	Designed by:	
Approved: Chief, Geospatial Branch	Checked By: PDT	Drawn by: PDT	

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
4 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
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Contours
- -30
- -29
- -28
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOAA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOAA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRUCKNER
LT COLONEL, U.S. ARMY COMMANDING

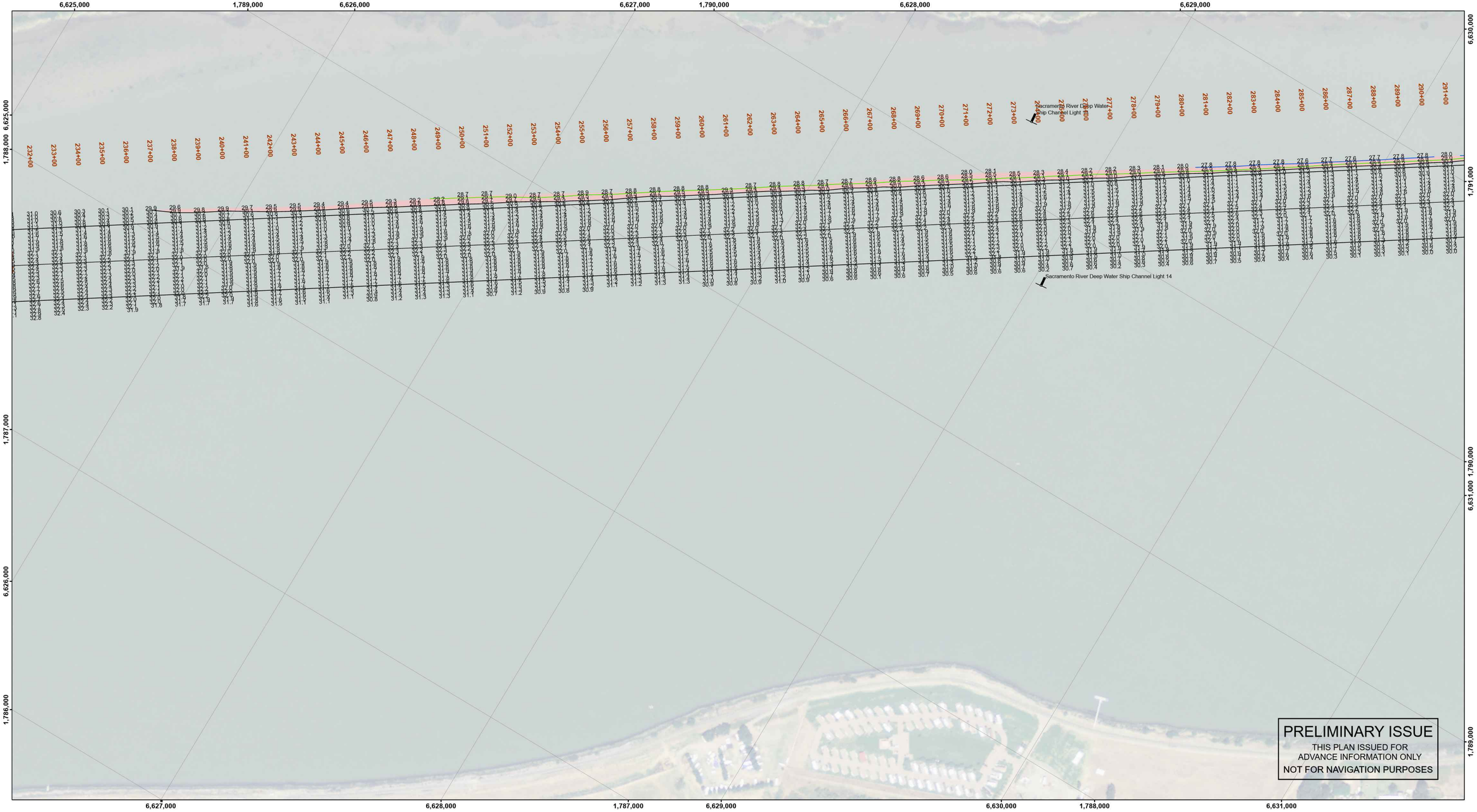
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

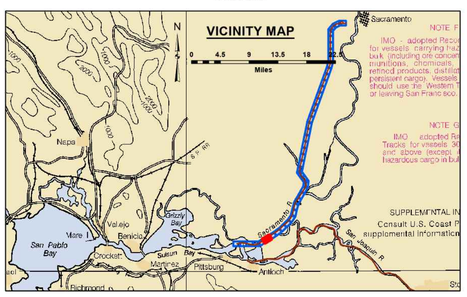
Surveyed By:
Chart Date: Jan 28, 2026
Plotted By: PDT
Designed by:
Checked By: PDT
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
5 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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Contours
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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CONTROLS:
LOCATION: RIO VISTA
NOAA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

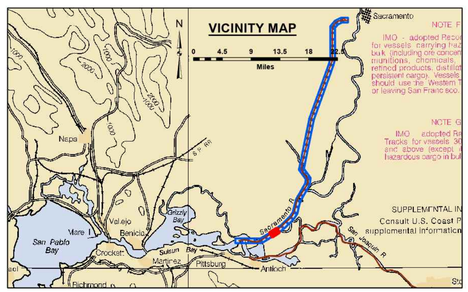
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

Surveyed By:	Chart Date:	Jan 28, 2026
Plotted By: PDT	Designed by:	
Checked By: PDT	Drawn by:	PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
6 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
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Contours
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SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

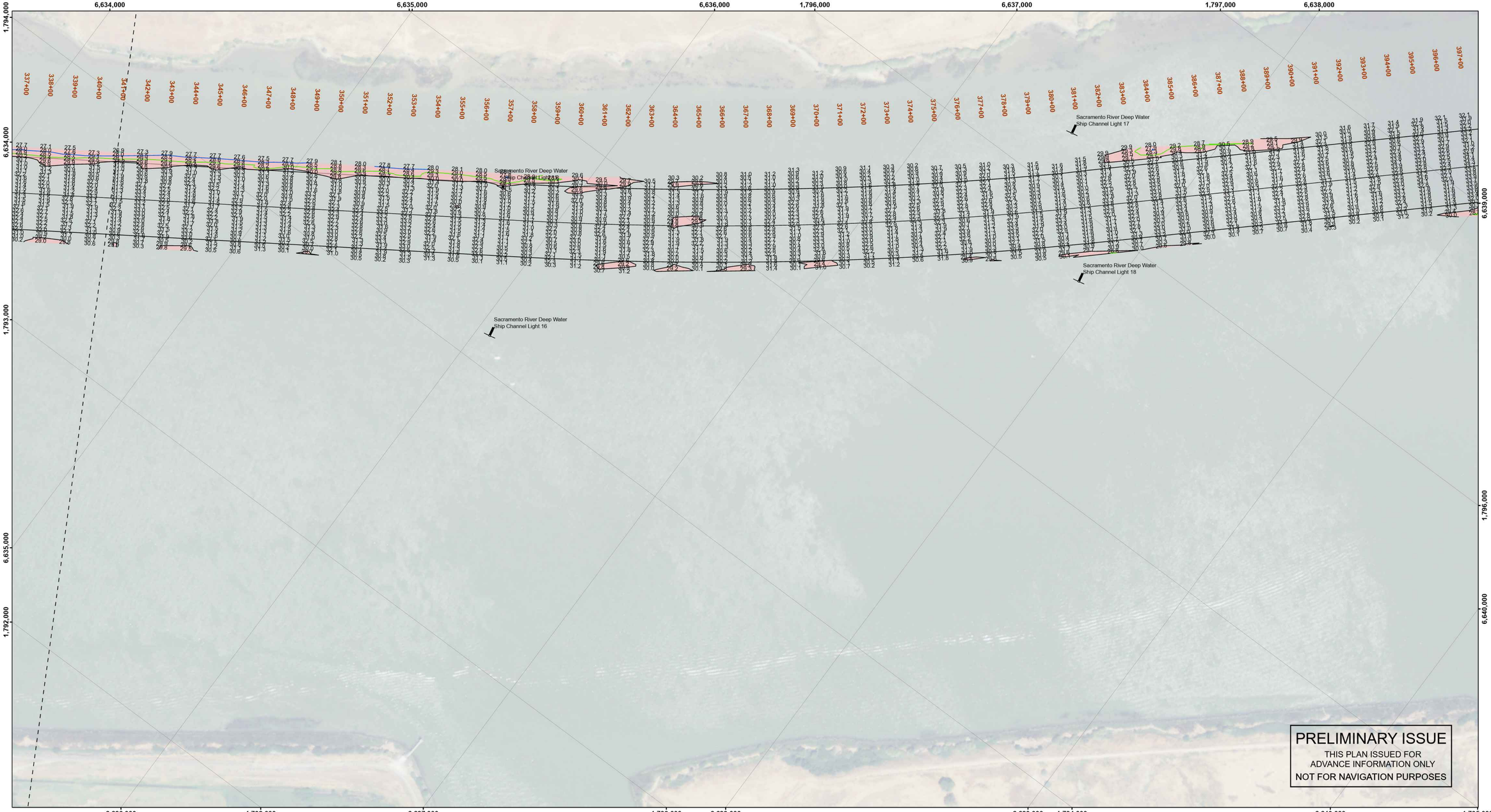
Approved: _____
Chief, Geospatial Branch

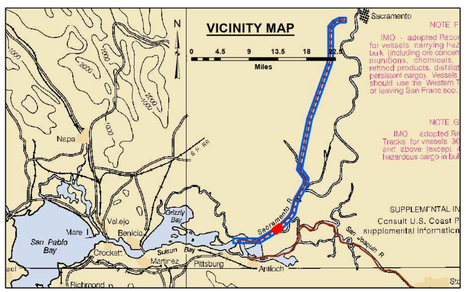
Surveyed by:
Plotted By: PDT
Checked By: PDT
Chart Date: Jan 28, 2026
Designed by:
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
7 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
-28
-27
-26

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PROJECT DEPTH: -30'

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BENCHMARK: 5316 B 1996 (NO PID)
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METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
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BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Chart Date:	Jan 28, 2026
Surveyed By:	
Designed by:	
Plotted By:	PDT
Drawn by:	PDT
Checked By:	PDT

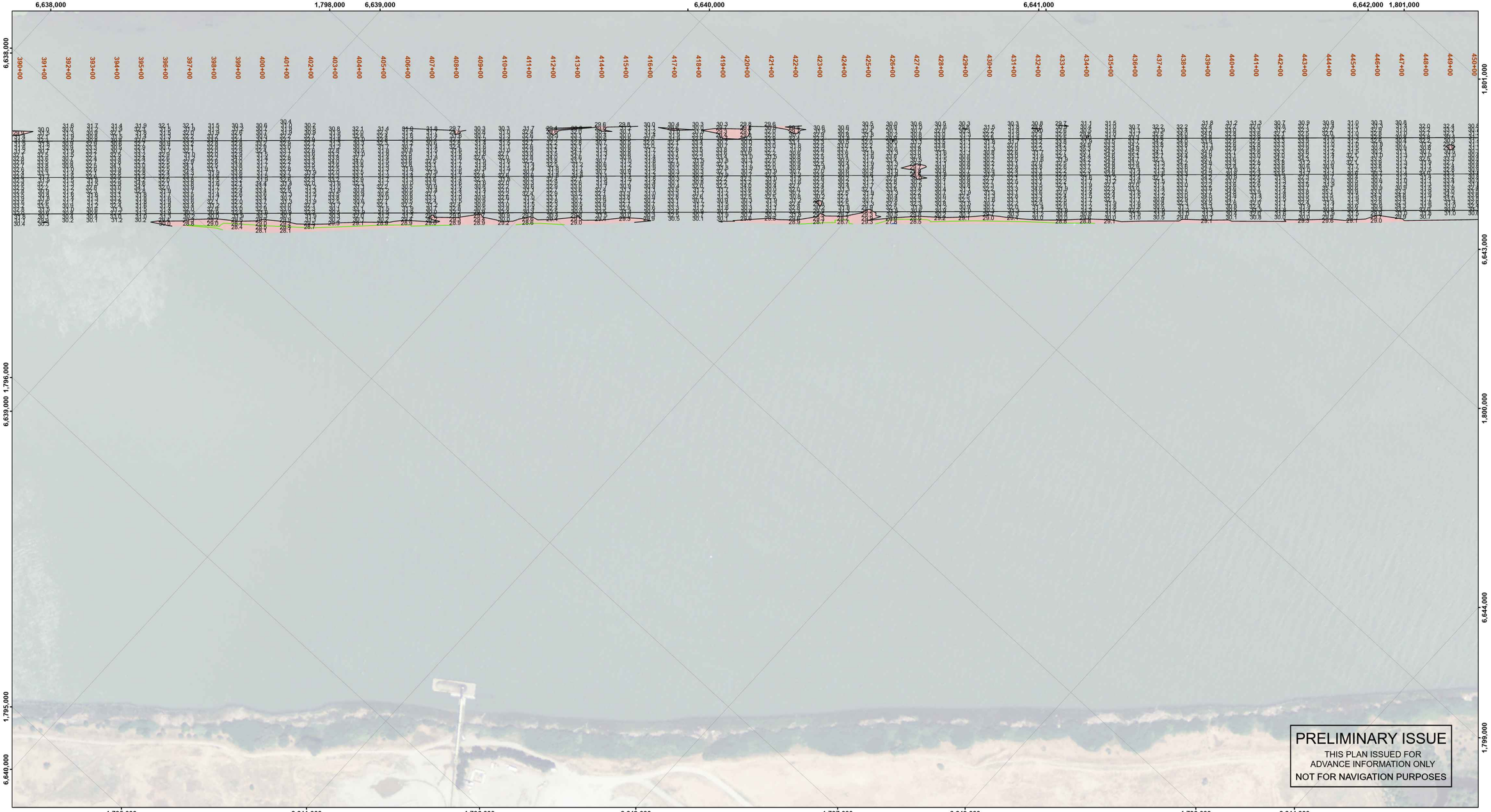
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRUCKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
8 of 45



Feet
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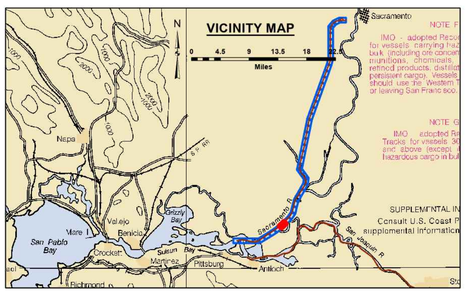

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRUCKNER
LT COLONEL, U.S. ARMY COMMANDING

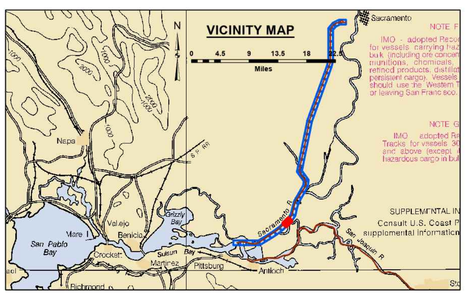
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

Surveyed By:
Plotted By: PDT
Checked By: PDT
Drawn by: PDT
Chart Date: Jan 28, 2026

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
9 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
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BENCHMARK: POWS1 (No PID)
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US Army Corps of Engineers
District: CESPK

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Chart Date: Jan 28, 2026	
Surveyed By:	
Designed by:	
Plotted By: PDT	
Drawn by: PDT	
Checked By: PDT	

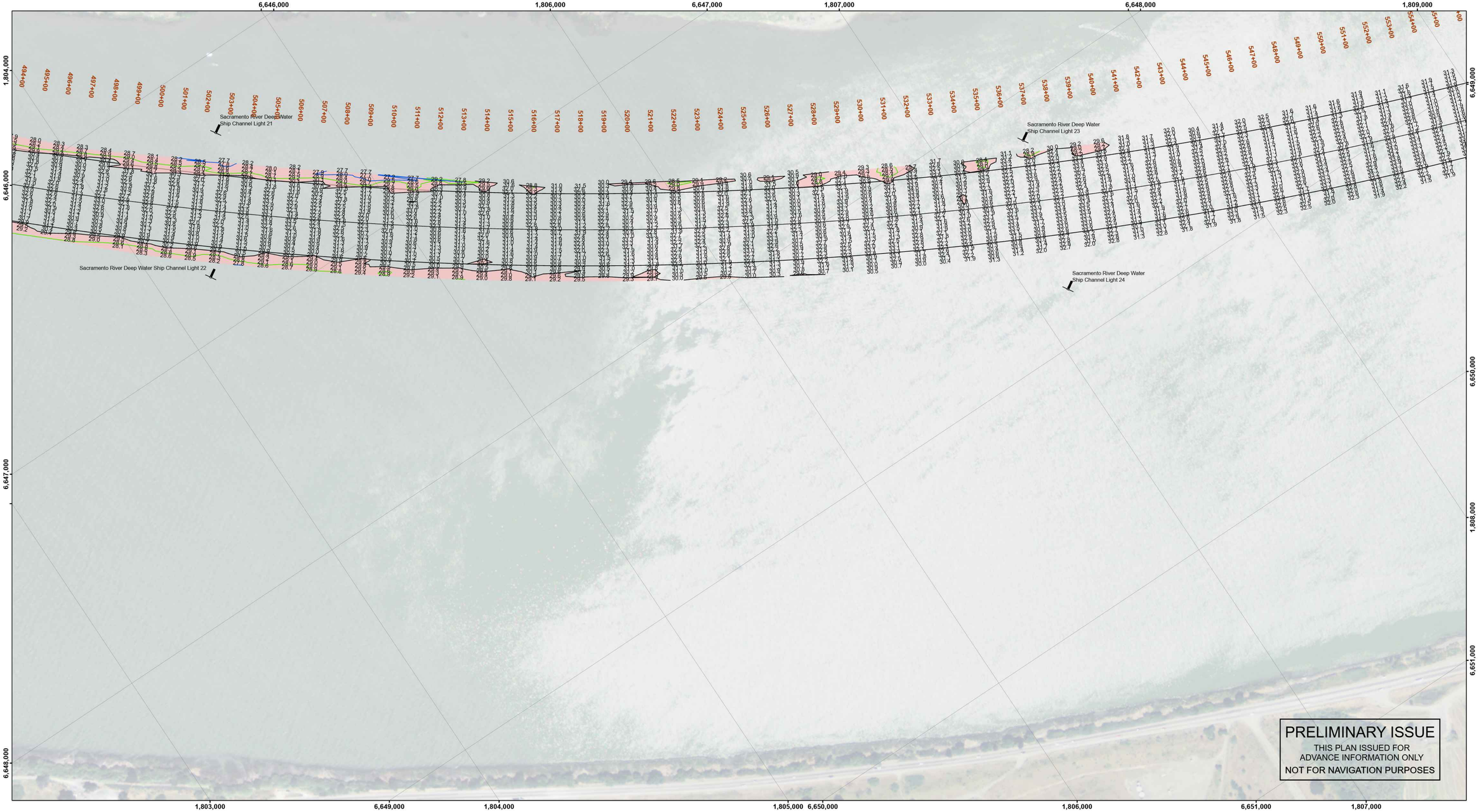
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

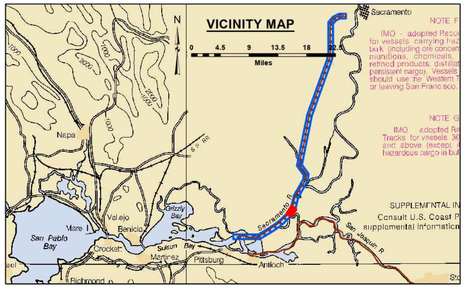
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
10 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
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Contours
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BENCHMARK: POWS1 (No PID)
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District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

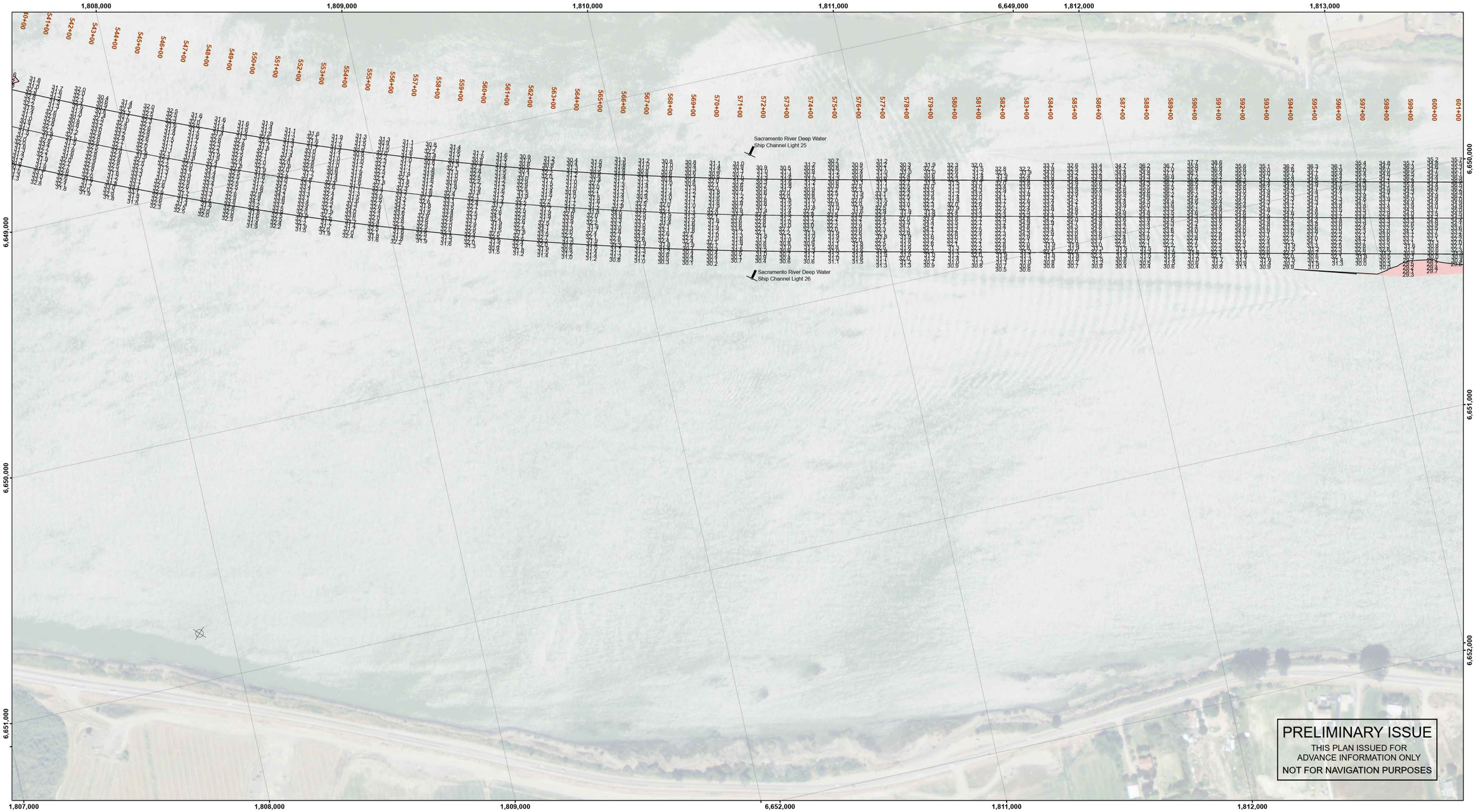
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

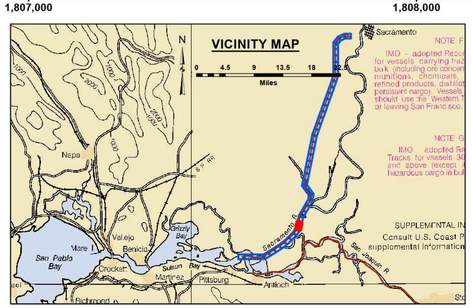
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
11 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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Contours
- -30
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Surveyed By:	Chart Date: Jan 28, 2026
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Checked By: PDT	Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

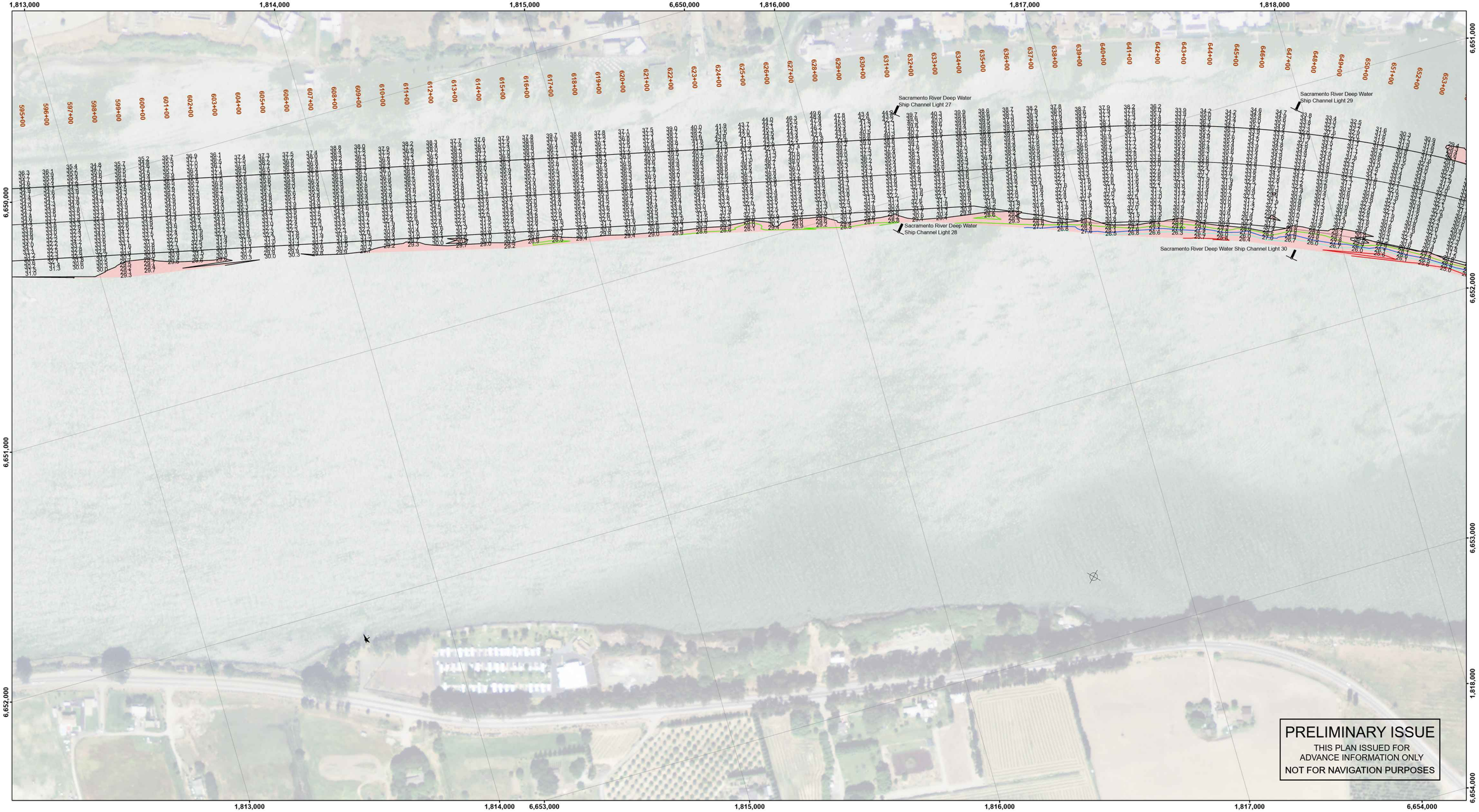
Recommended: _____
Chief, Technical Services Section

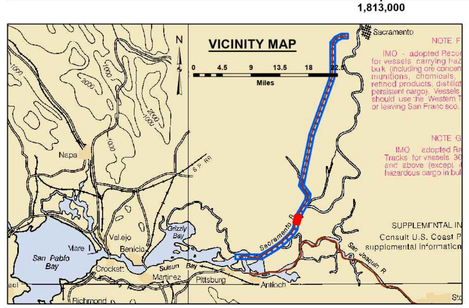
Approved: _____
Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
12 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

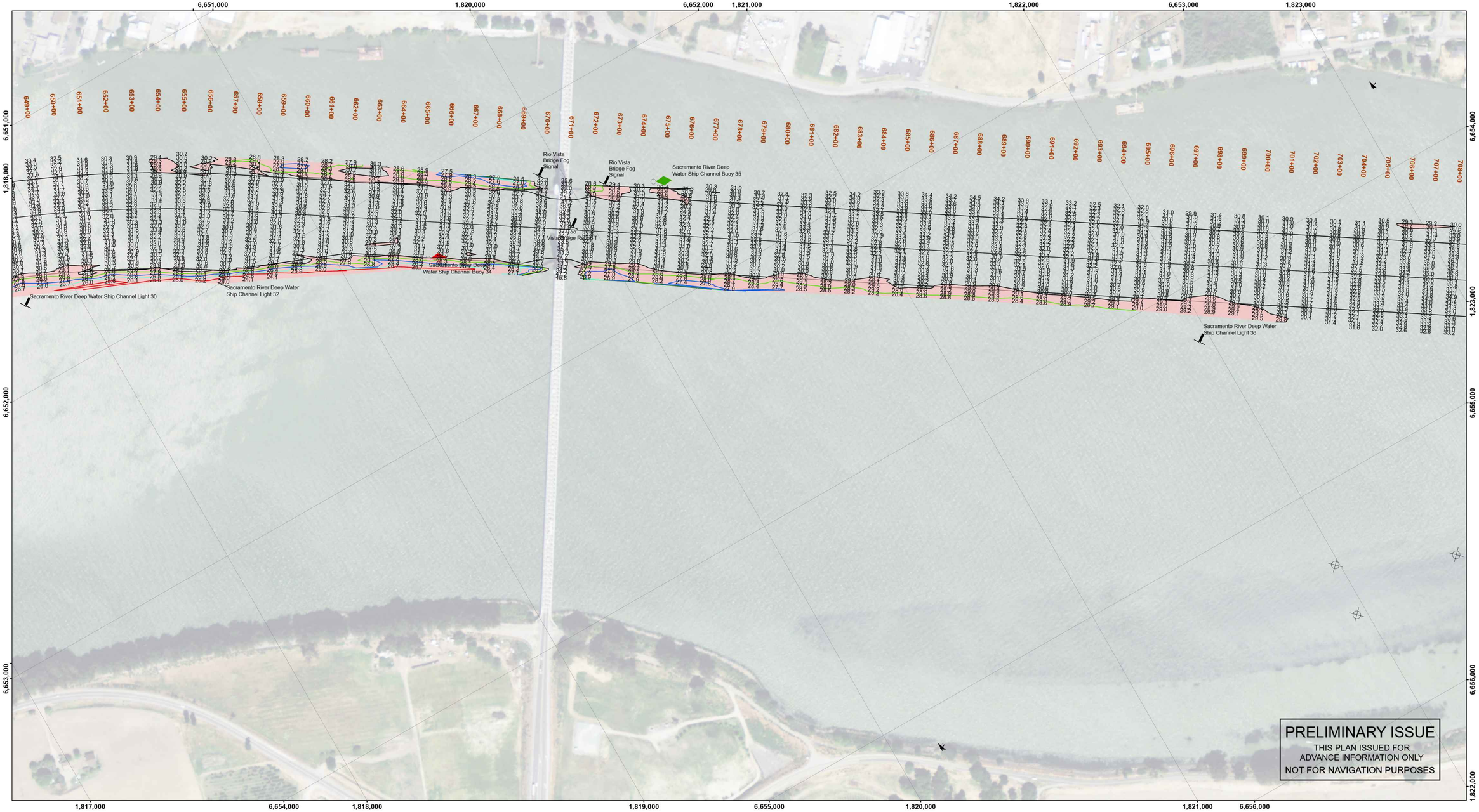
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

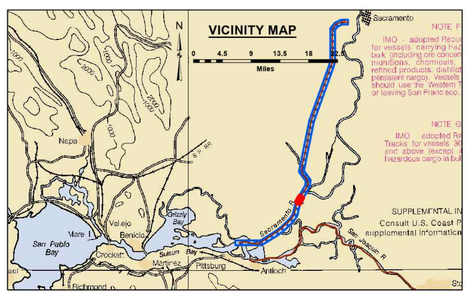
Surveyed By:	Chart Date: Jan 28, 2026		
Plotted By: PDT	Designed by:		
Checked By: PDT	Drawn by: PDT		

SAN JOAQUIN COUNTY CALIFORNIA

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
13 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
-28
-27
-26

NOTES:
DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY, THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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VIRGINIA R. BRICKNER
LT COLOREL U.S. ARMY COMMANDING

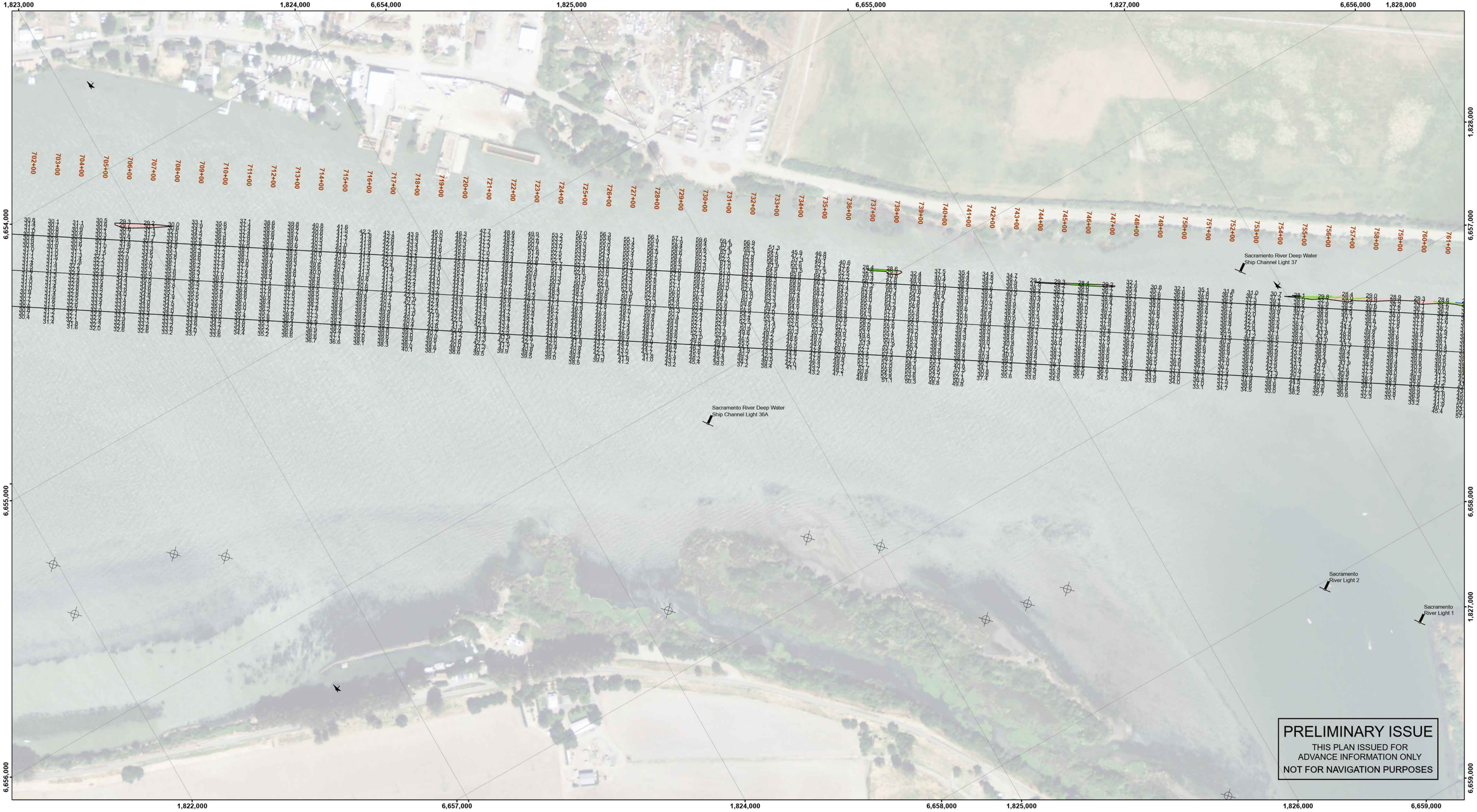
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

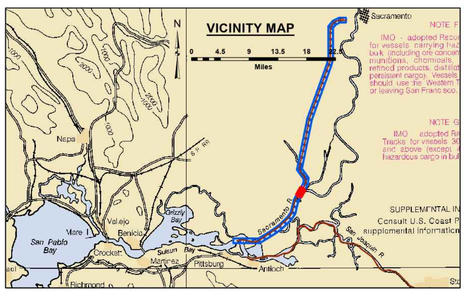
Surveyed By:
Plotted By: PDT
Checked By: PDT
Drawn by: PDT
Chart Date: Jan 28, 2026

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
14 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
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PROJECT DEPTH: -30'

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NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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District: CESPK

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Chart Date:	Jan 28, 2026
Surveyed By:	
Designed by:	
Plotted By:	PDT
Drawn by:	PDT
Checked By:	PDT

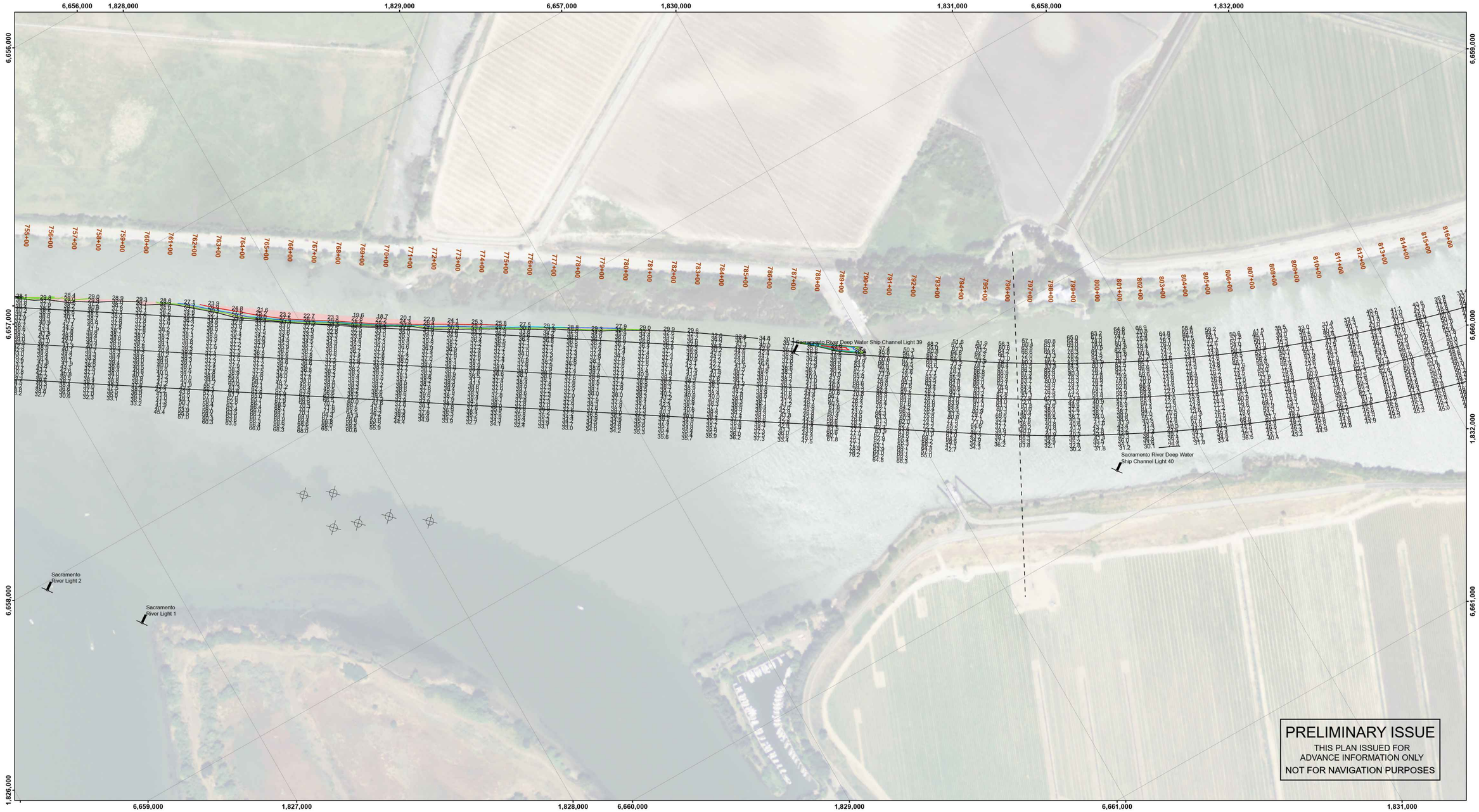
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

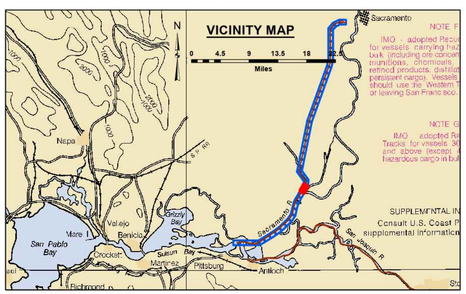
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
15 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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- Beacon, General
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- Green Navigation Buoy

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TIDE GAUGE: NAIL @ 8.2 FT MLLW
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NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLOREL U.S. ARMY COMMANDING

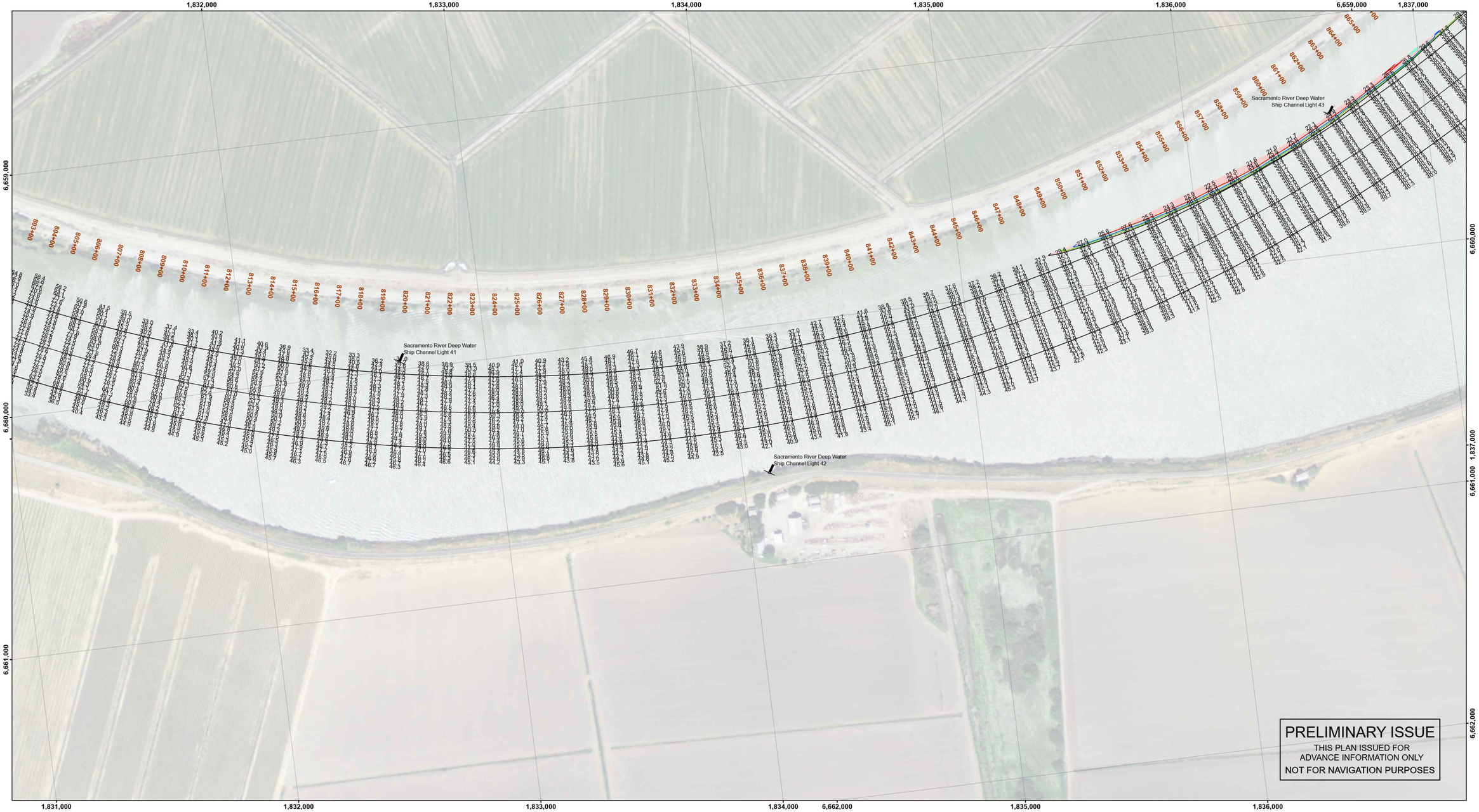
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

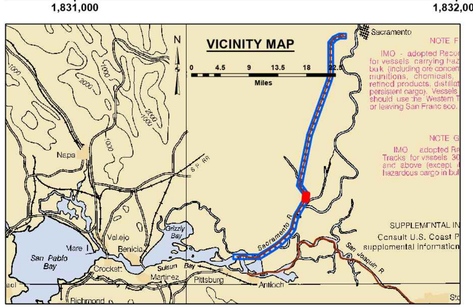
Surveyed By:
Plotted By: PDT
Checked By: PDT
Drawn By: PDT
Chart Date: Jan 28, 2026

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
16 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
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District: CESPK

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Plotted By:	PDT	Designed by:	
Checked By:	PDT	Drawn by:	PDT

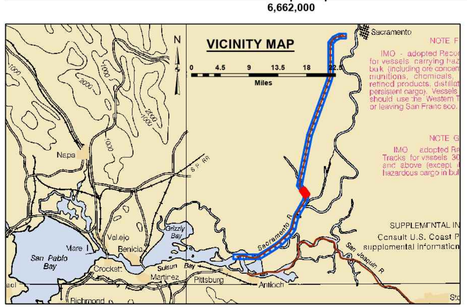
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
17 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
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- Cable Submarine
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Drawn by:	PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

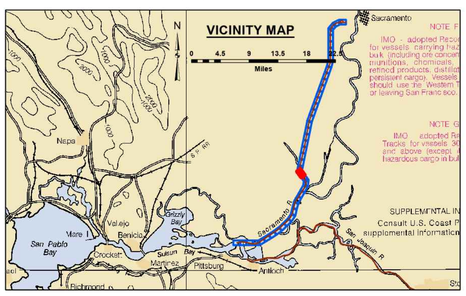
Approved: _____
Chief, Geospatial Branch

CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
18 of 45



Feet
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LEGEND

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LT COLONEL, U.S. ARMY COMMANDER

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

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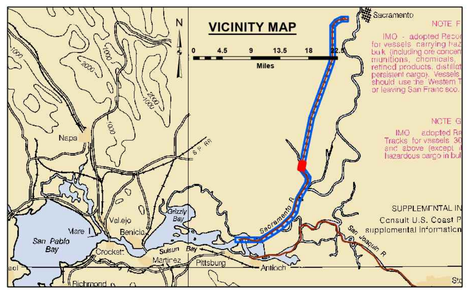

Feet
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LEGEND

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- -26

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NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

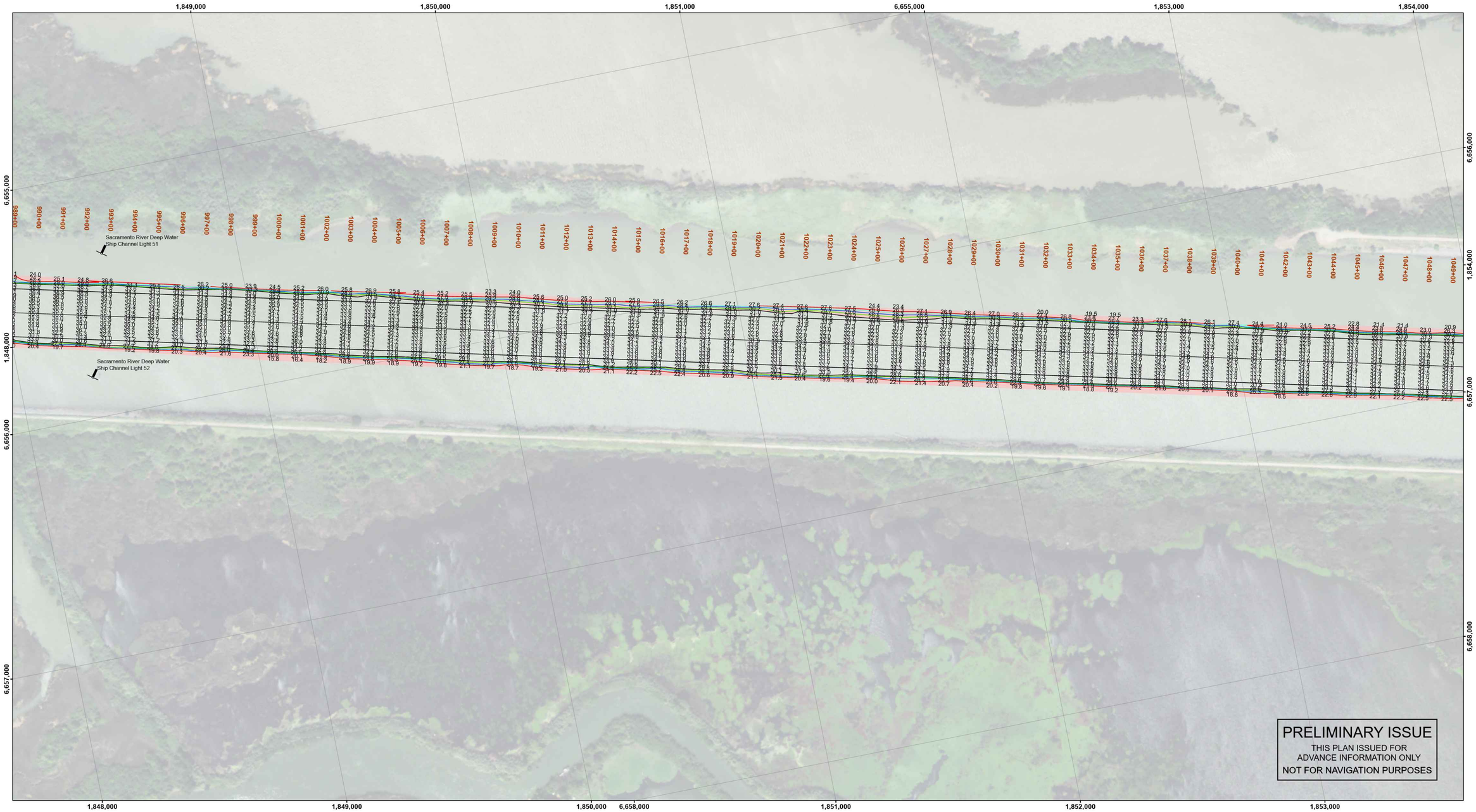
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

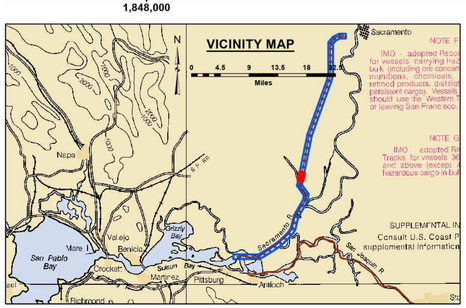
Surveyed by:
Plotted By: PDT
Designed by:
Checked By: PDT
Drawn by: PDT
Chart Date: Jan 28, 2026

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
20 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
- -30
- -29
- -28
- -27
- -26

NOTES:
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Surveyed By:	
Plotted By:	PDT
Checked By:	PDT
Drawn by:	PDT
Chart Date:	Jan 28, 2026
Designed by:	

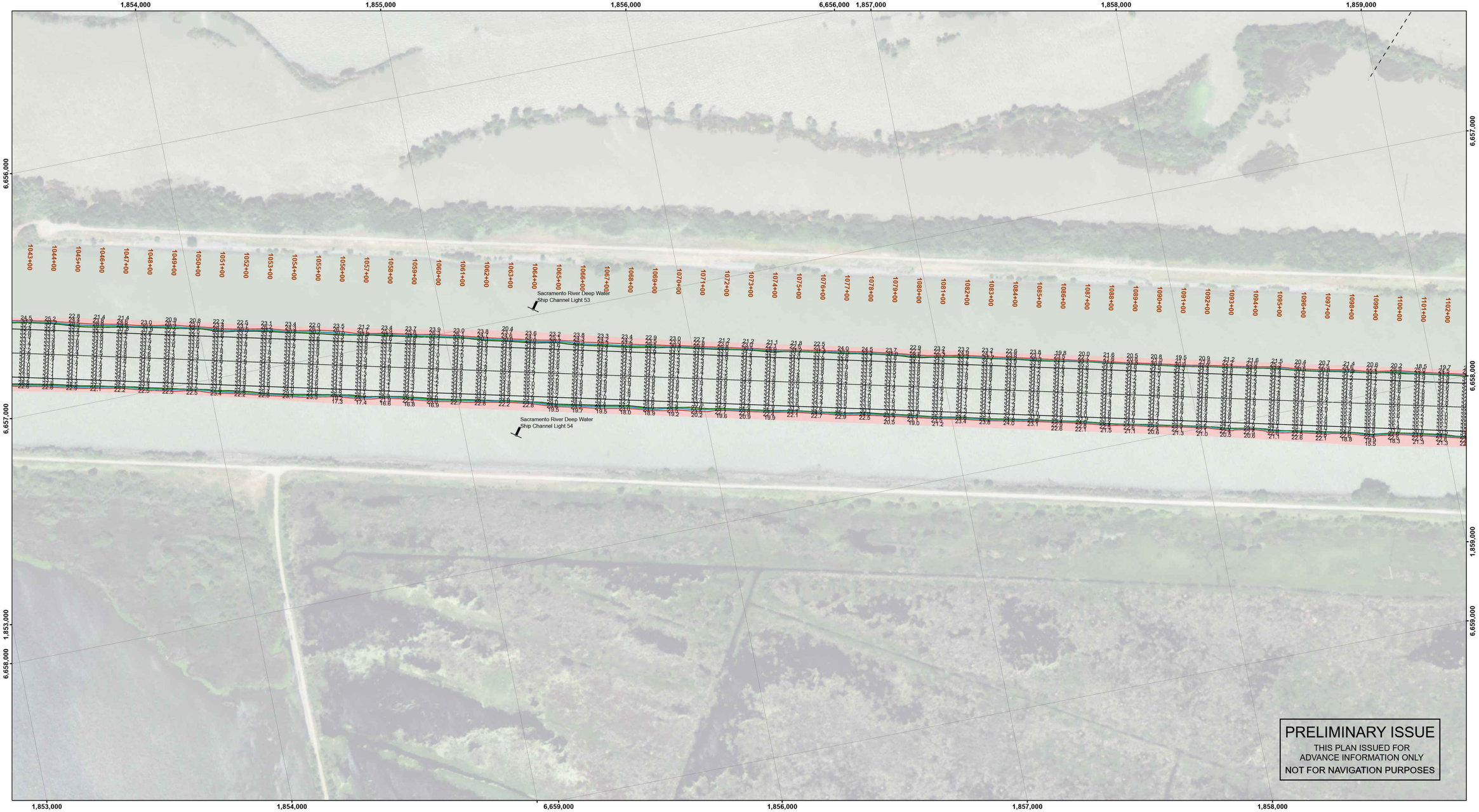
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

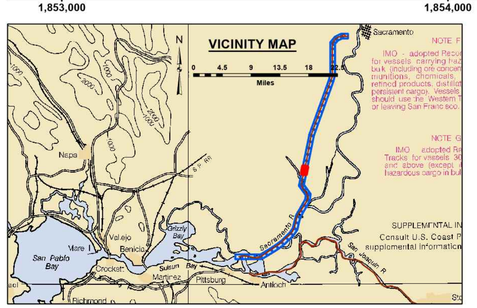
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
21 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
-28
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-26

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Surveyed By:		Chart Date:	Jan 28, 2026
Plotted By:	PDT	Designed by:	
Checked By:	PDT	Drawn by:	PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

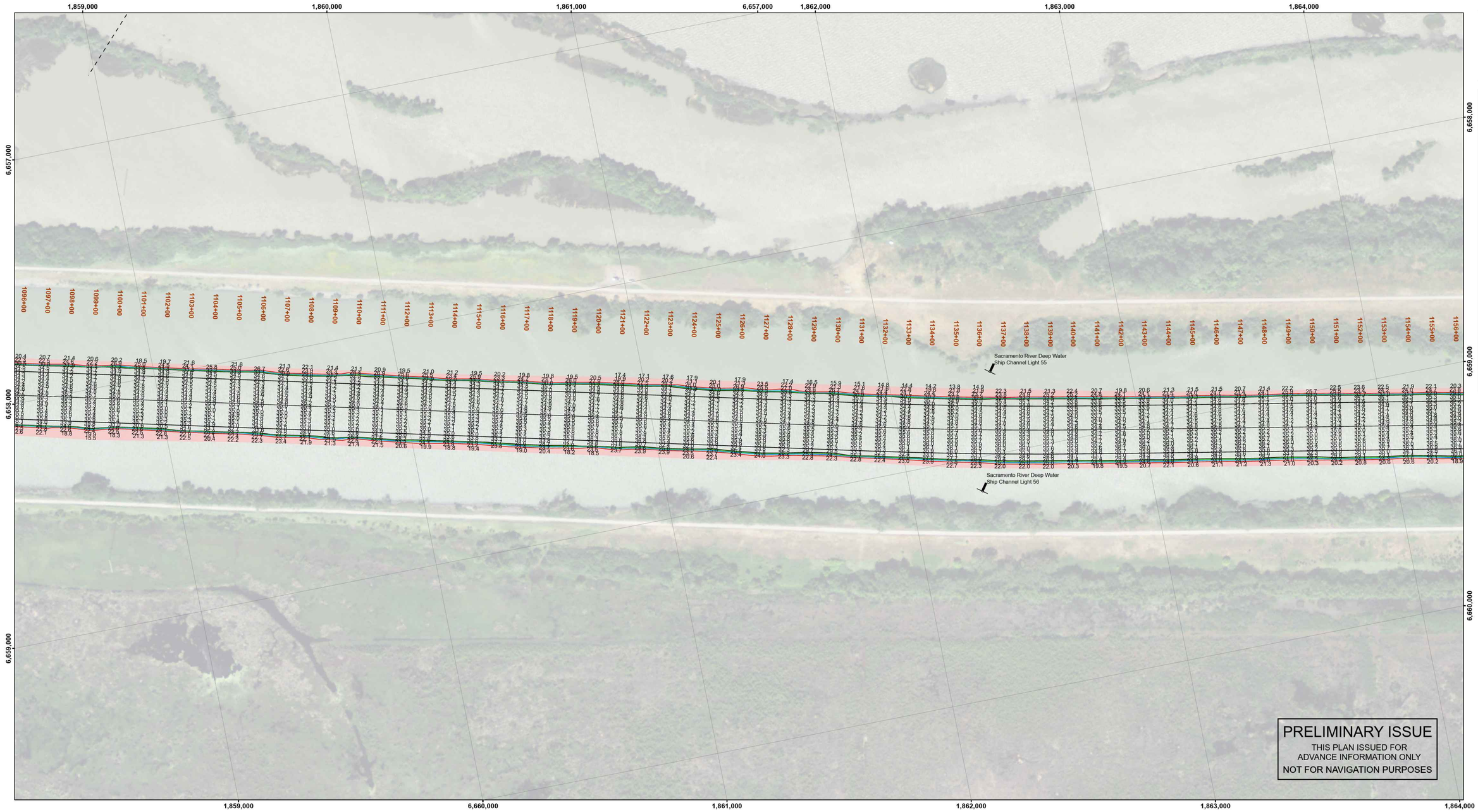
Approved: _____
Chief, Geospatial Branch

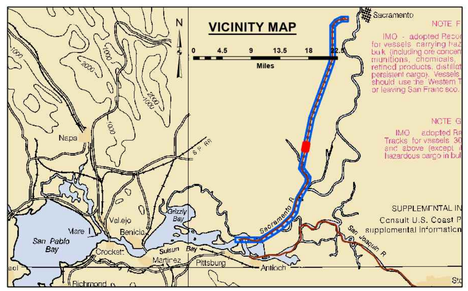
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
22 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
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Surveyed By:		Chart Date:	Jan 28, 2026
Plotted By:	PDT	Designed by:	
Checked By:	PDT	Drawn by:	PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

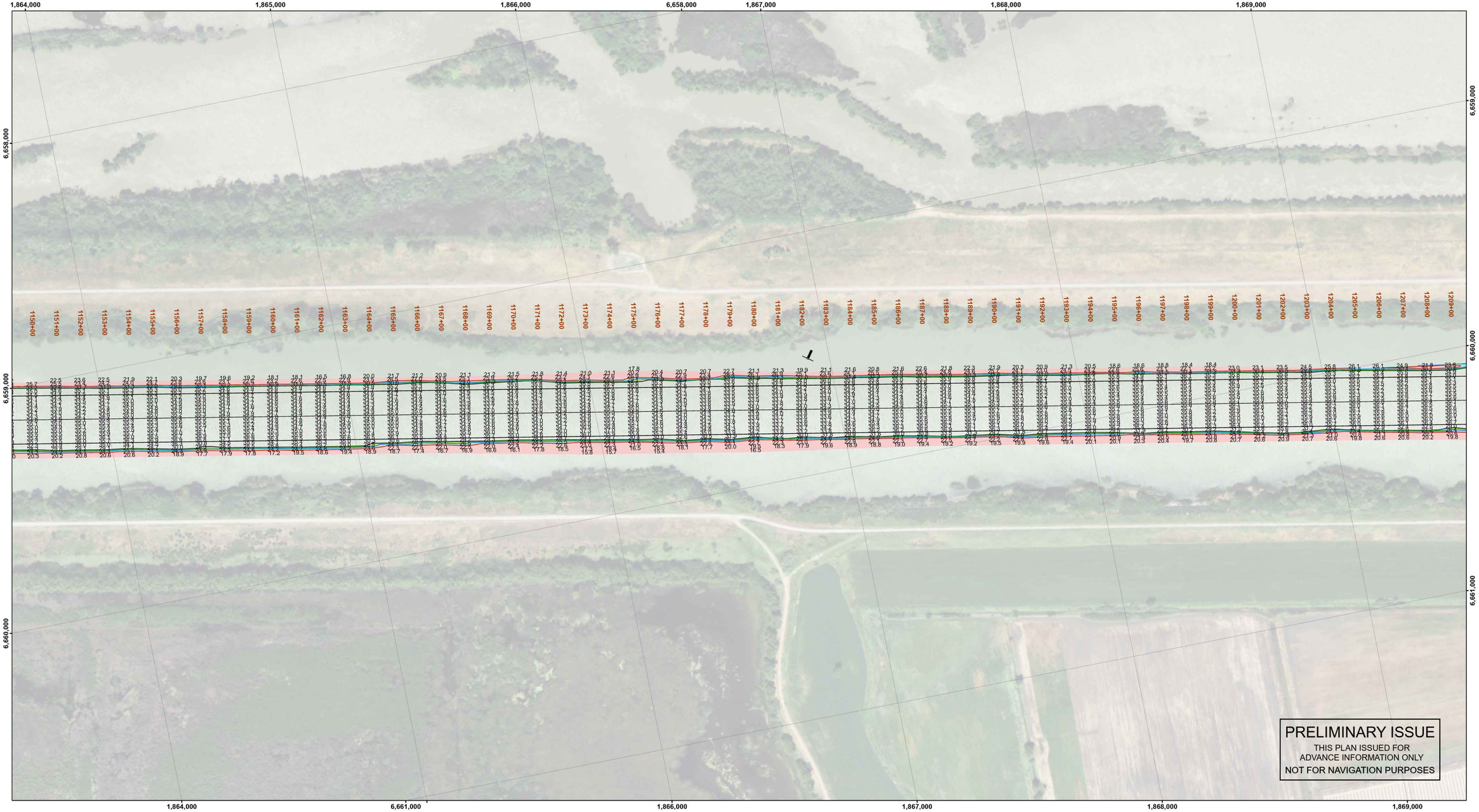
Approved: _____
Chief, Geospatial Branch

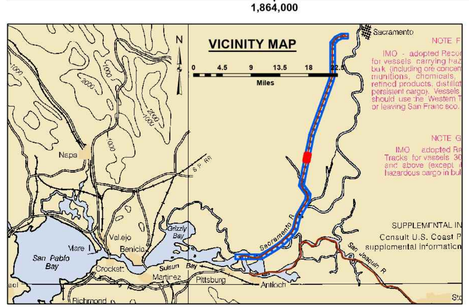
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
23 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
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- Shoaling Area
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- Red Navigation Buoy
- Green Navigation Buoy

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-27
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District: CESPK

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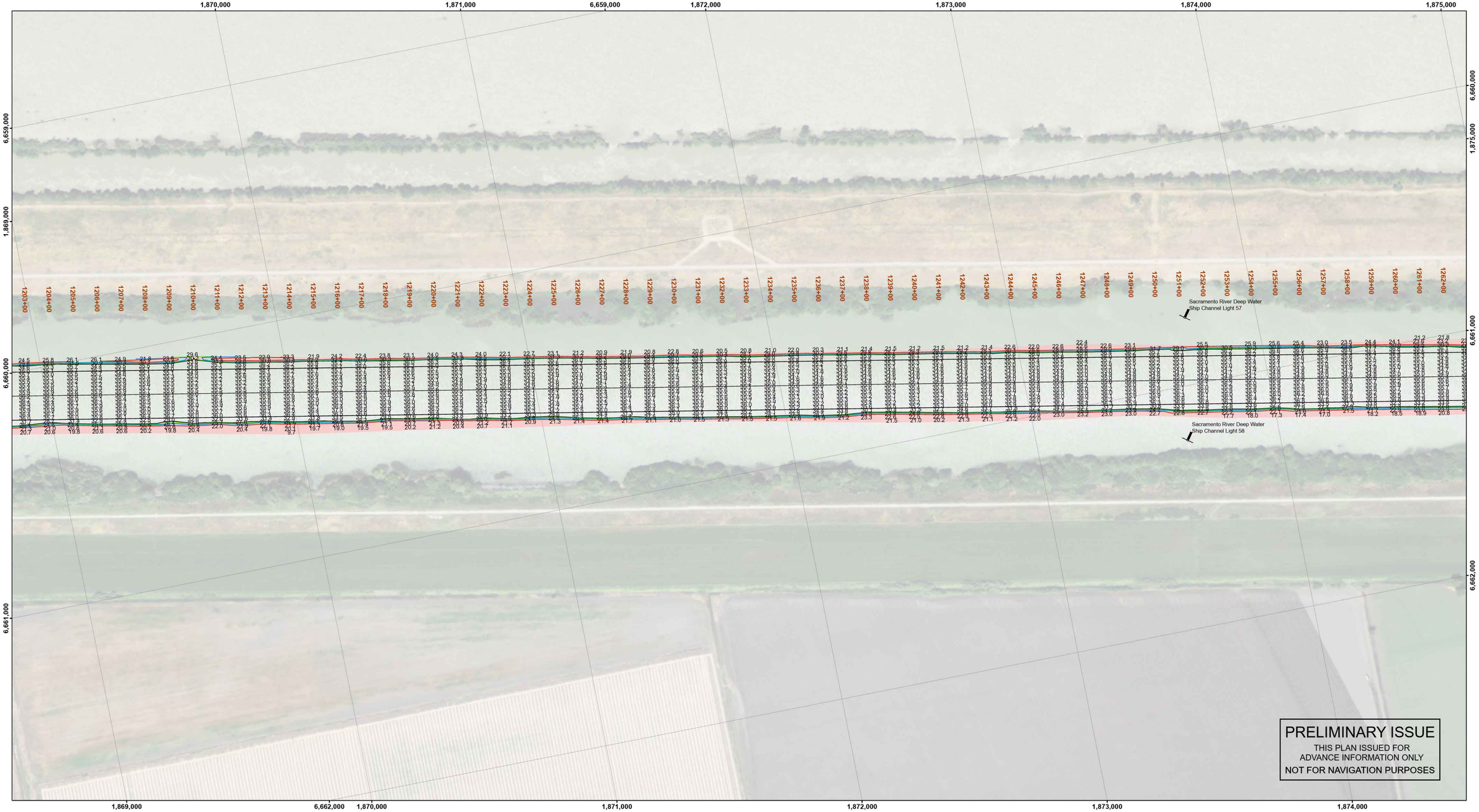
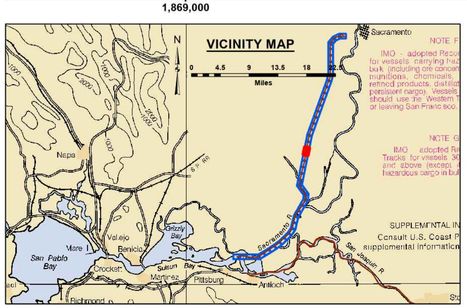
PREPARED UNDER THE DIRECTION OF VIRGINIA R. BRICKNER LT COLONEL, U.S. ARMY COMMANDING	Surveyed By:	Chart Date: Jan 28, 2026	
	Plotted By: PDT	Designed by:	
Submitted: Technical Services Section Leader			
Recommended: Chief, Technical Services Section	Checked By: PDT	Drawn by: PDT	
Approved: Chief, Geospatial Branch			

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
24 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
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Plotted By: PDT		Designed by:	
Checked By: PDT		Drawn by: PDT	

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
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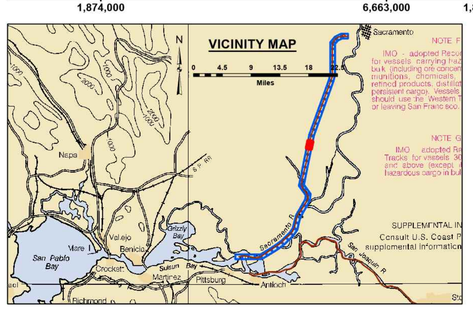

Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
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District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026		
Plotted By: PDT	Designed by:		
Checked By: PDT	Drawn by: PDT		

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

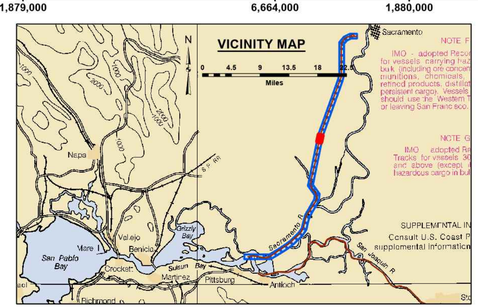
Submitted: _____ Technical Services Section Leader
Recommended: _____ Chief, Technical Services Section
Approved: _____ Chief, Geospatial Branch

CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
26 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours

- -30
- -29
- -28
- -27
- -26

NOTES:
DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY, THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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Surveyed By:	
Plotted By:	PDT
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Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
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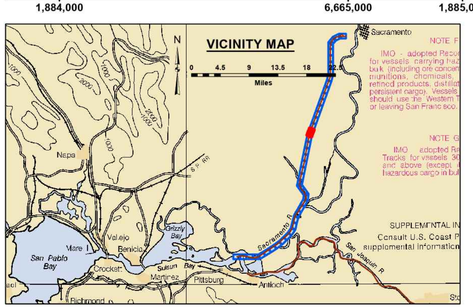

Feet
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VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

Surveyed By:
Plotted By: PDT
Checked By: PDT
Chart Date: Jan 28, 2026
Designed by:
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
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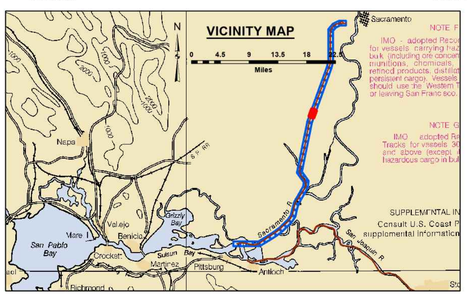

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0 400 800 1,200

LEGEND

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METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Surveyed By:		Chart Date:	Jan 28, 2026
Plotted By:	PDT	Designed by:	
Checked By:	PDT	Drawn by:	PDT

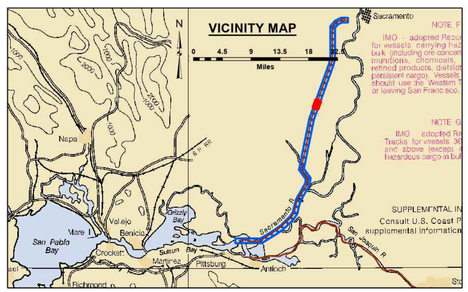
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
29 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

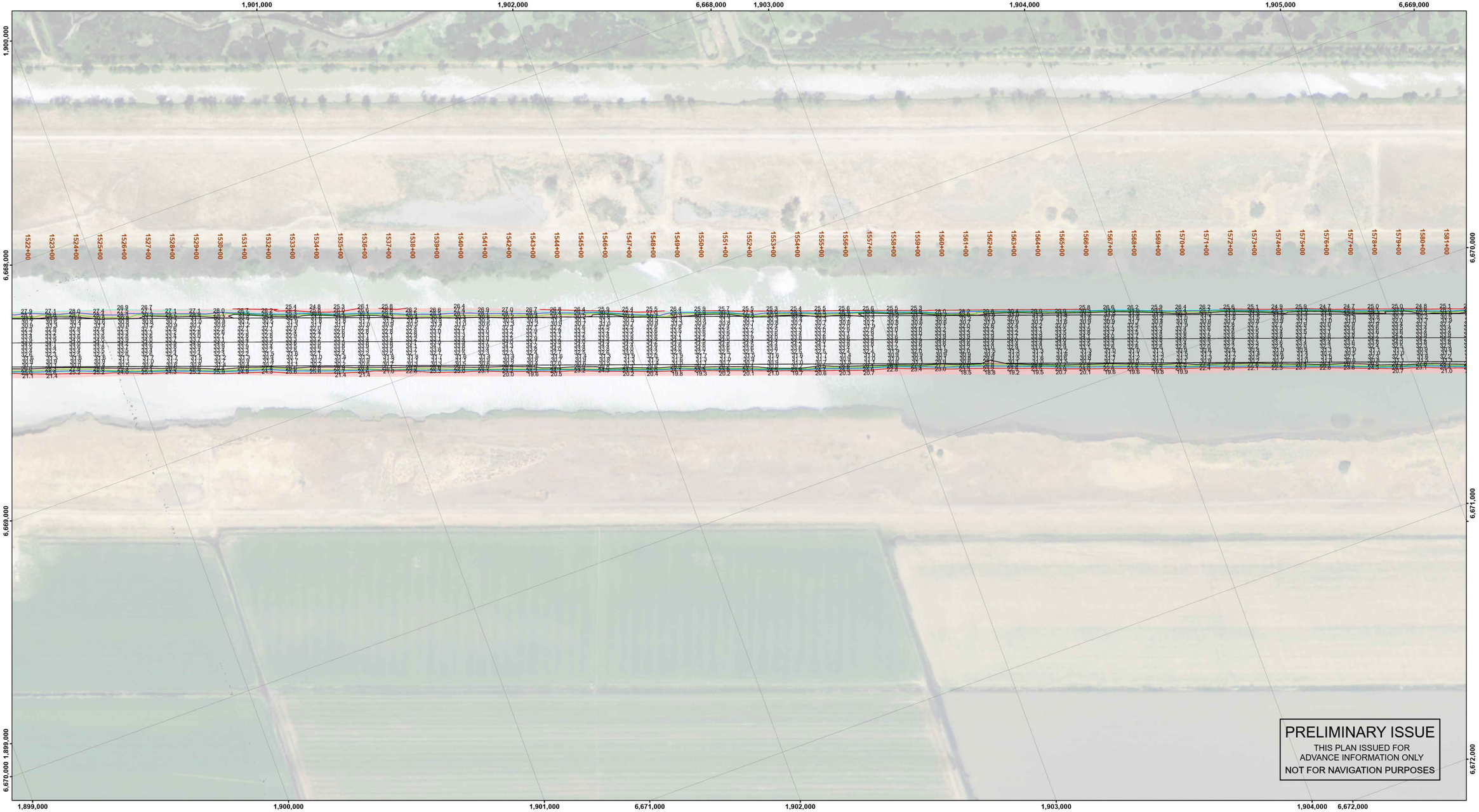
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

Surveyed By:
Plotted By: PDT
Checked By: PDT
Chart Date: Jan 28, 2026
Designed by:
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
30 of 45



Feet
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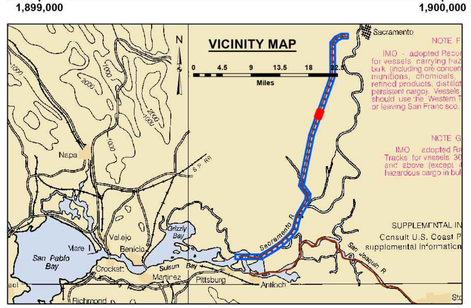

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
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LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

Approved: _____
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CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

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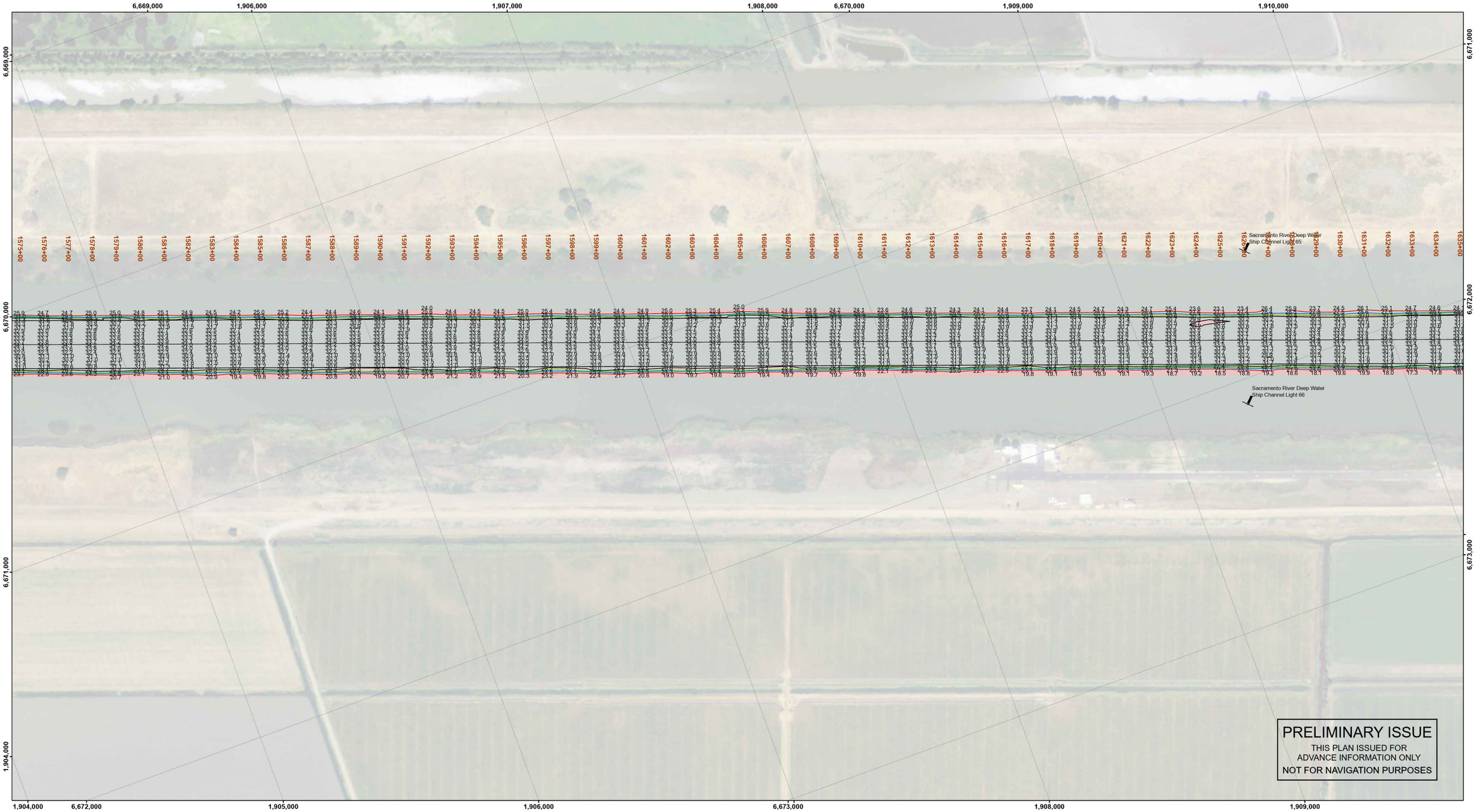

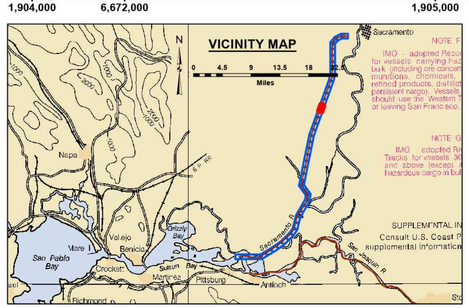

Feet
0 400 800 1,200

LEGEND

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VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

Approved: _____
Chief, Geospatial Branch

CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

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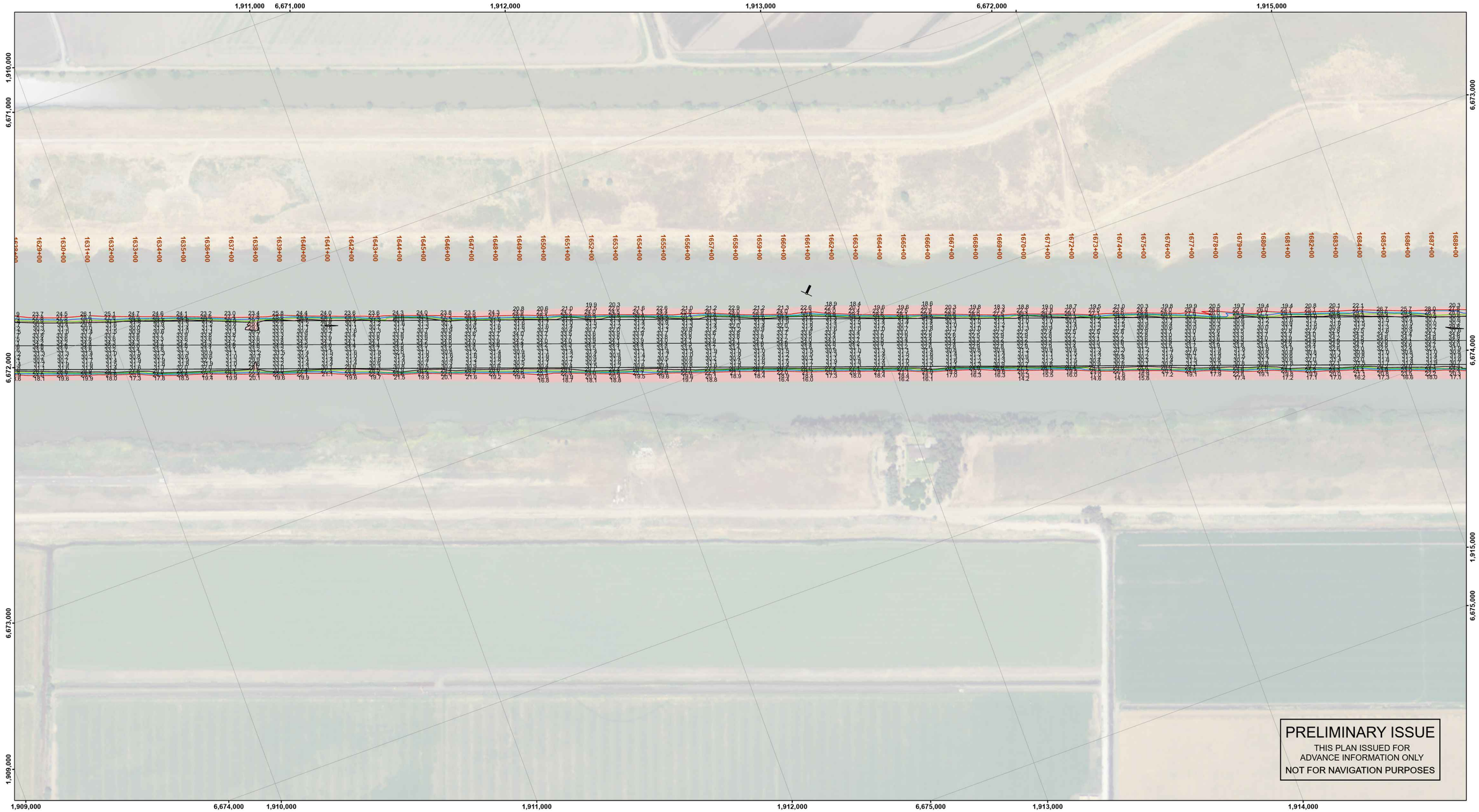

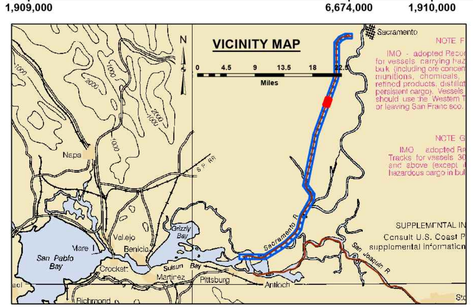

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SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

ALL HORIZONTAL POSITIONS AND MLLW ELEVATIONS WERE POST-PROCESSED USING PUBLIC GPS REFERENCE STATIONS IN THE AREA.

US Army Corps of Engineers
District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

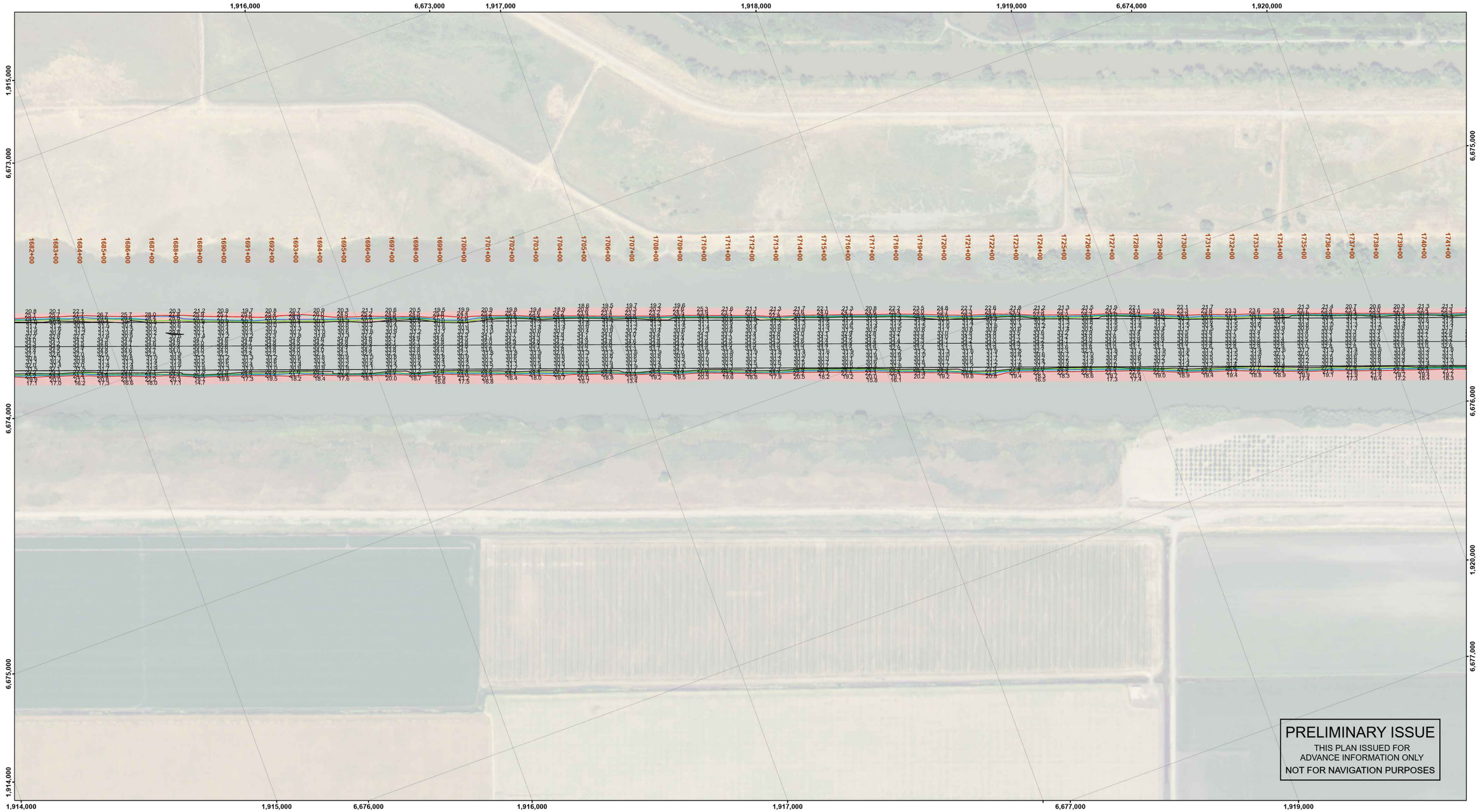
Recommended: _____
Chief, Technical Services Section

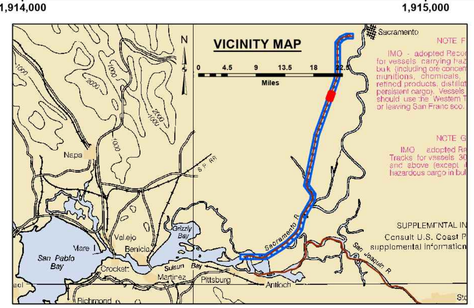
Approved: _____
Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
33 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours

- -30
- -29
- -28
- -27
- -26

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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

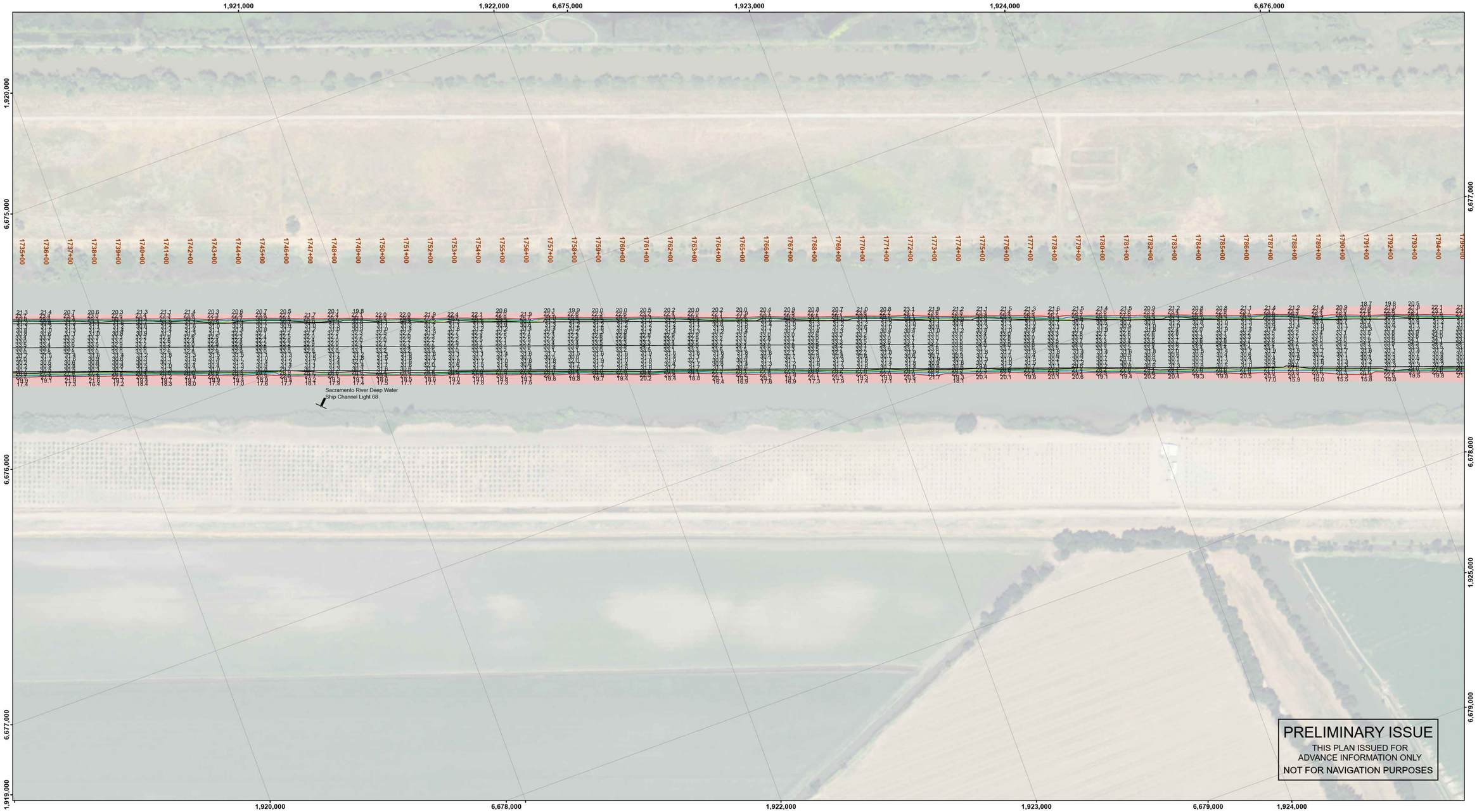
Approved: _____
Chief, Geospatial Branch

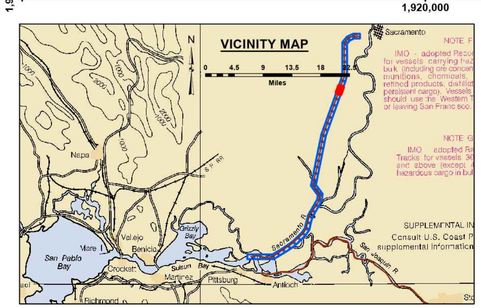
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
34 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours

- -30
- -29
- -28
- -27
- -26

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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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NOOA STATION: 9415316
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TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Chart Date:	Jan 28, 2026
Surveyed By:	
Designed by:	
Plotted By:	PDT
Drawn by:	PDT
Checked By:	PDT

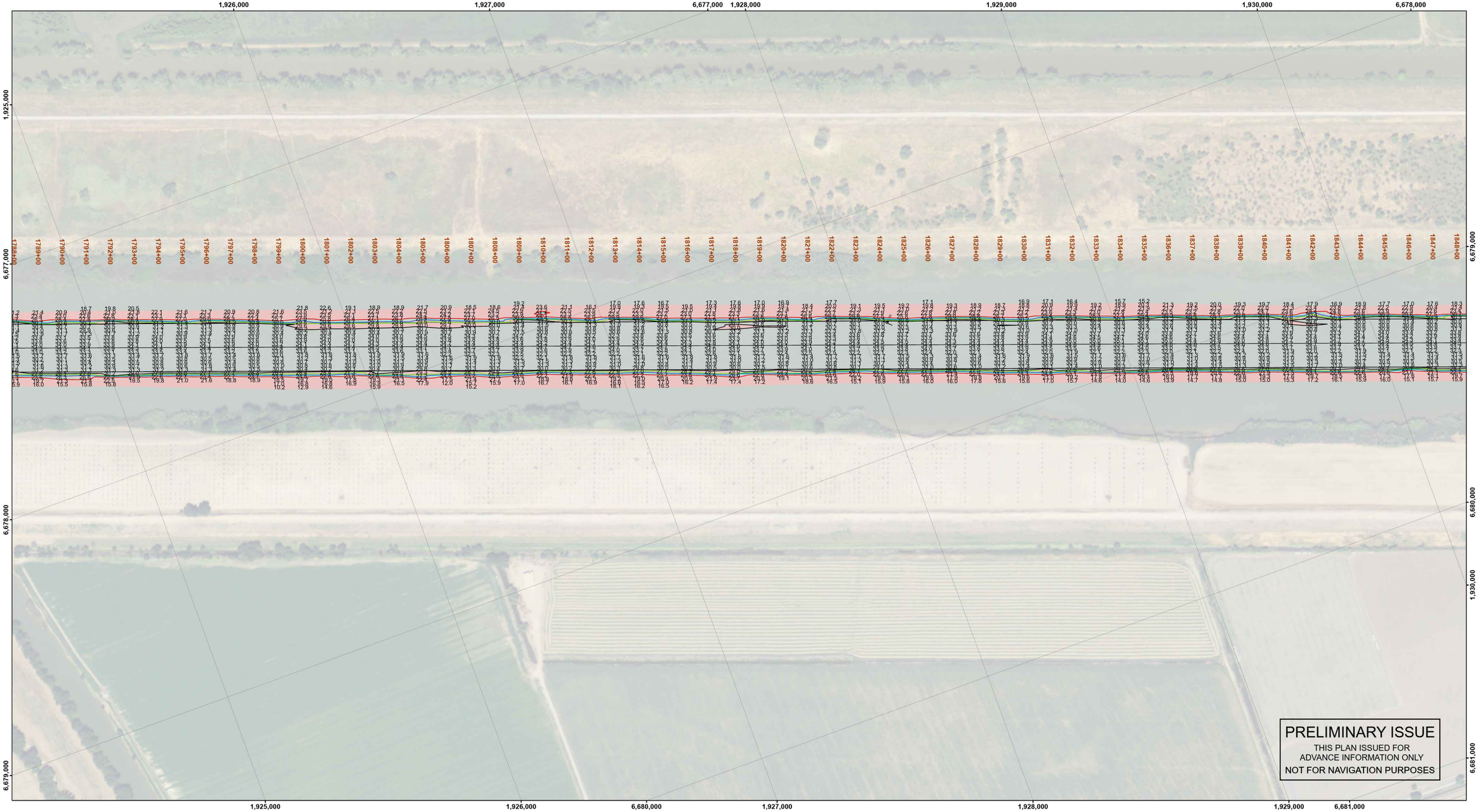
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

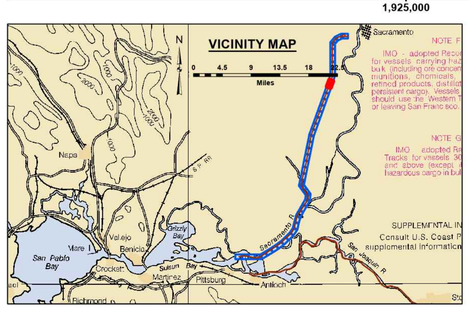
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
35 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKWER
LT COLONEL, U.S. ARMY COMMANDING

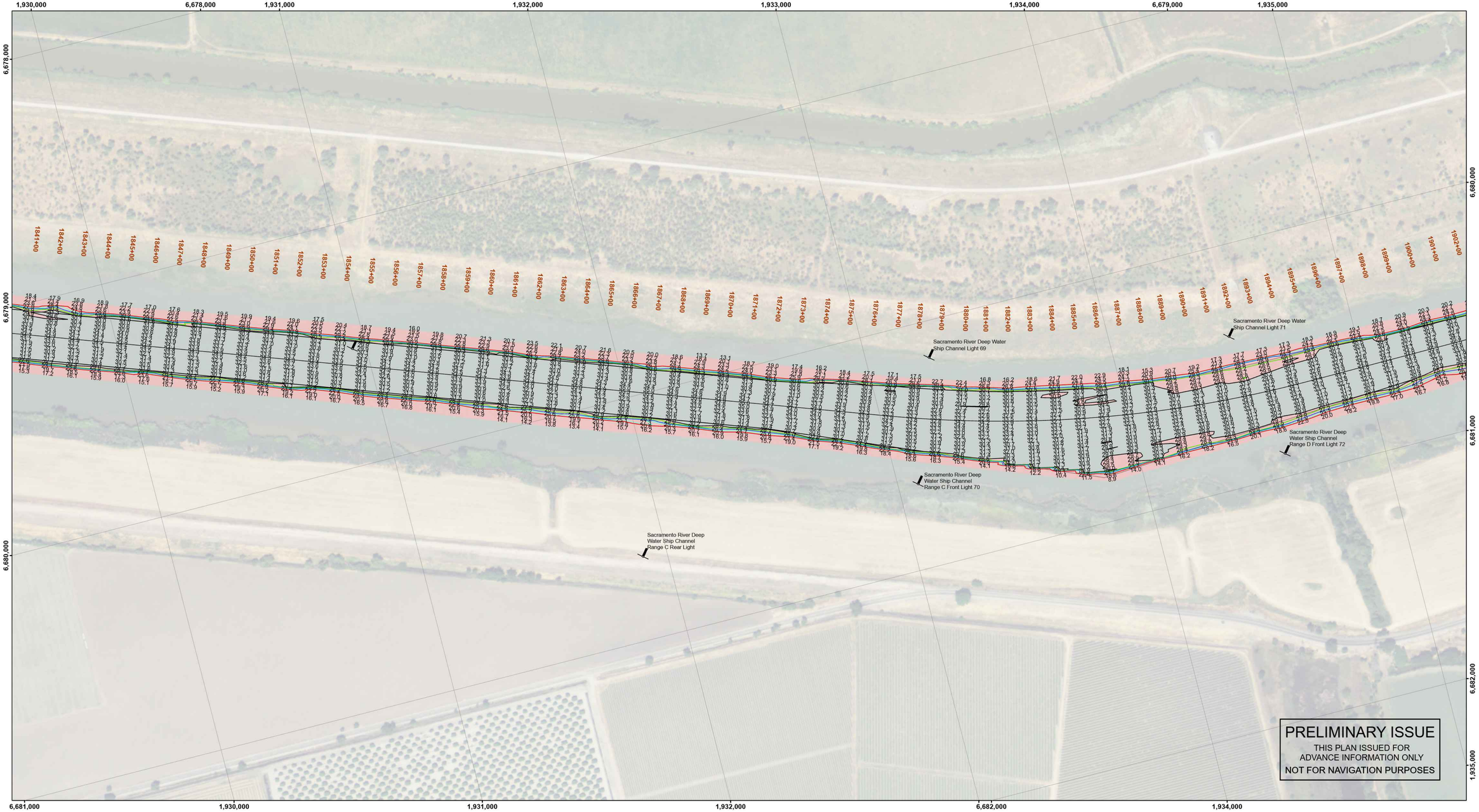
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

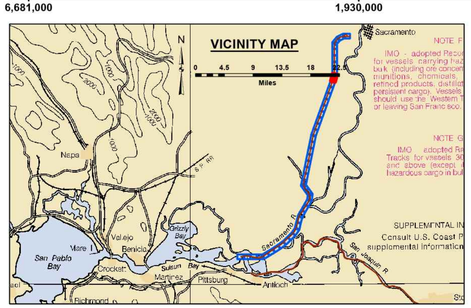
Surveyed By:	Plotted By: PDT	Chart Date: Jan 28, 2026
	Checked By: PDT	Designed by:
		Drawn by: PDT

SAN JOAQUIN COUNTY CALIFORNIA

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
36 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
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- Beacon, General
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- Green Navigation Buoy

Contours
- -30
- -29
- -28
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PROJECT DEPTH: -30'

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TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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District: CESPK

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Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

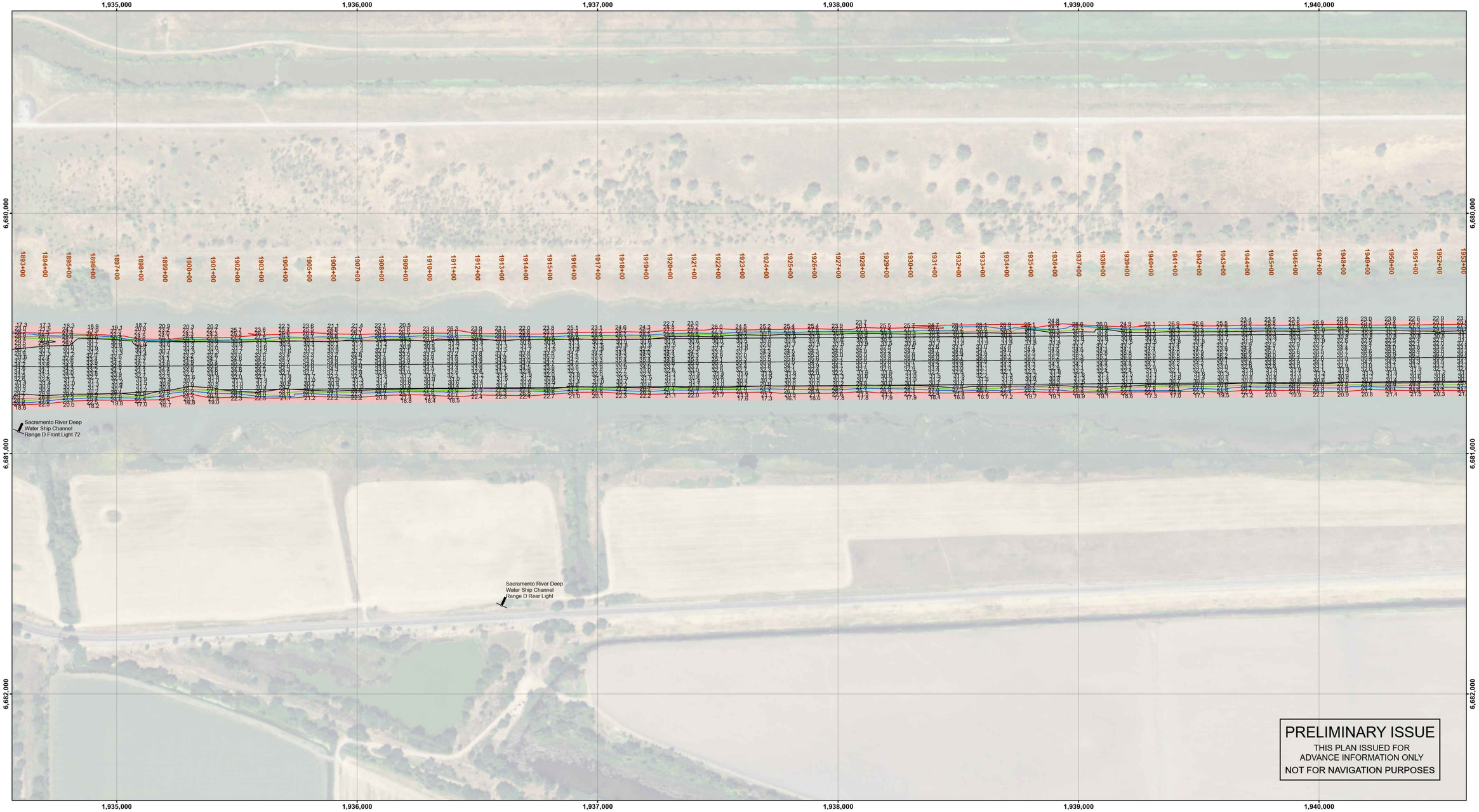
Approved: _____
Chief, Geospatial Branch

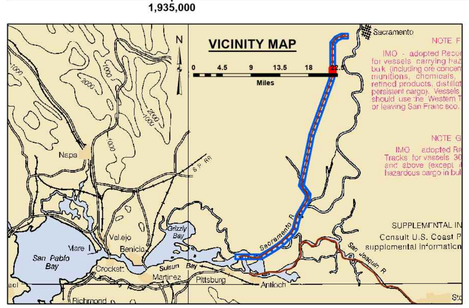
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
37 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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Surveyed By:	Chart Date: Jan 28, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

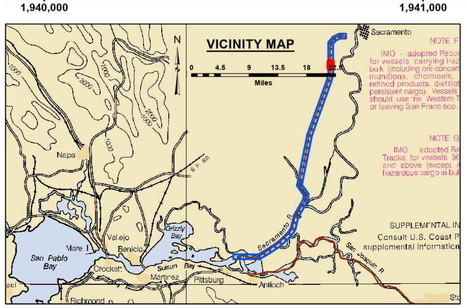
Approved: _____
Chief, Geospatial Branch

CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
38 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Cable Area
- Placement Area
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Contours
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METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

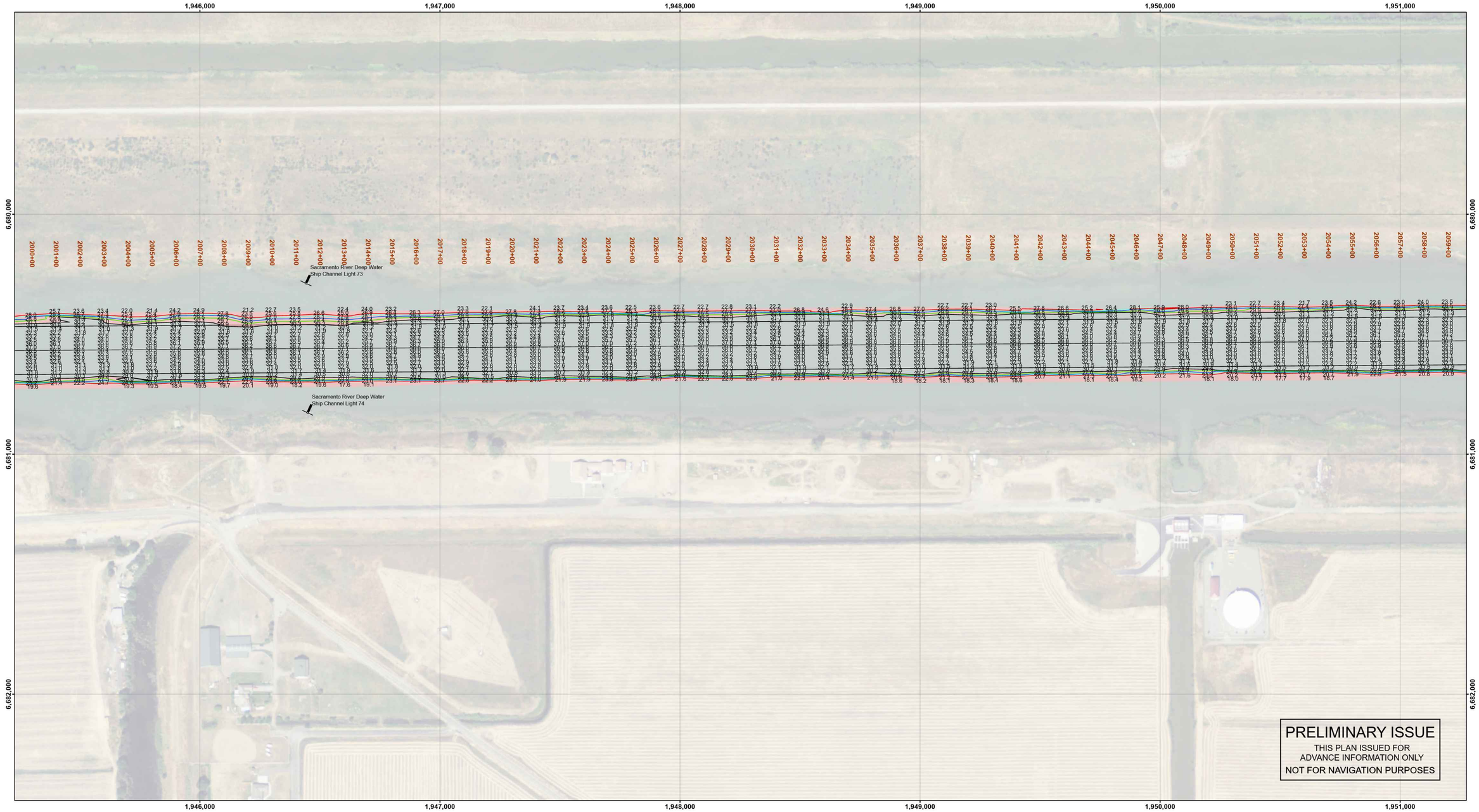
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

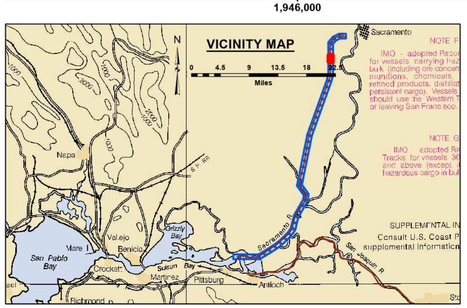
Surveyed By:
Plotted By: PDT
Checked By: PDT
Chart Date: Jan 28, 2026
Designed by:
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
39 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
-29
-28
-27
-26

NOTES:
DRAWING NOT TO BE USED FOR NAVIGATION. ONLY CHANNEL CONDITION AT DATE OF SURVEY, THE LOCATION OF ALL NAVIGATION AIDS ARE BASED ON INFORMATION PROVIDED BY THE U.S. COAST GUARD. BUOY LOCATIONS REPRESENT THE POSITION OF THE SINKER ONLY.

SOUNDINGS WERE TAKEN BY FATHOMETER AND ARE SHOWN TO THE NEAREST TENTH OF A FOOT.

SOUNDINGS ARE BASED ON THE DATUM OF MEAN LOWER LOW WATER AT THE LOCALITY.

NORTH AMERICAN DATUM OF 1983 (NAD83), PROJECTED TO THE STATE PLANE COORDINATE SYSTEM (SPCS), CA ZONE II (0402). DISTANCE UNITS IN U.S. SURVEY FEET.

PLANE GRID AND COORDINATES ARE BASED ON LAMBERT PROJECTION, NAD 83, ZONE II CALIFORNIA AS DESCRIBED IN SPECIAL PUBLICATION NO. 235, PUBLISHED BY THE NATIONAL OCEAN SURVEY.

PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDER

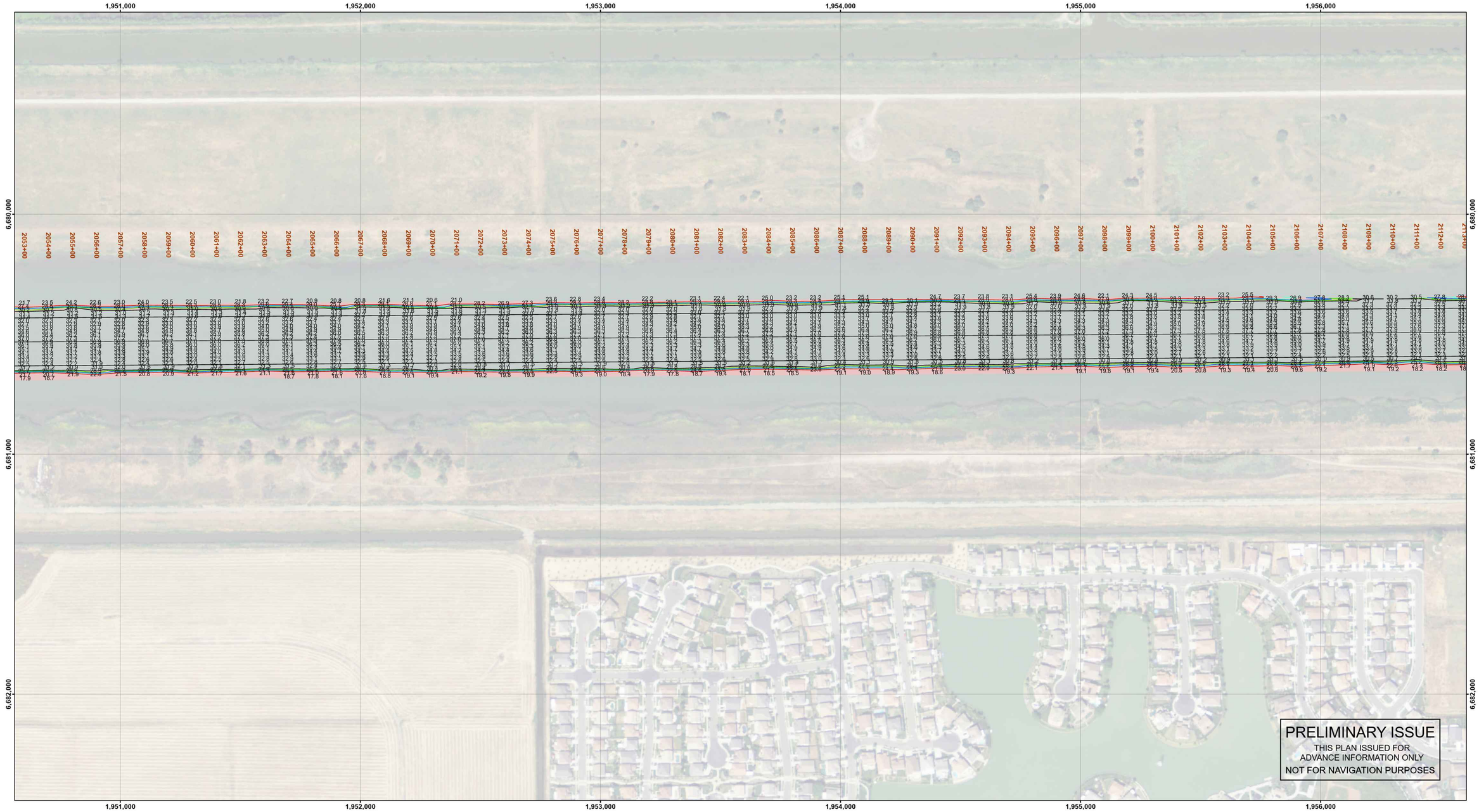
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

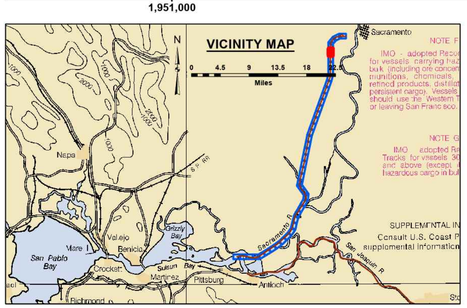
Surveyed By:
Chart Date: Jan 28, 2026
Plotted By: PDT
Designed by:
Checked By: PDT
Drawn by: PDT

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
40 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
-30
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-27
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

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CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026		
Plotted By: PDT	Designed by:		
Checked By: PDT	Drawn by: PDT		

PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: _____
Technical Services Section Leader

Recommended: _____
Chief, Technical Services Section

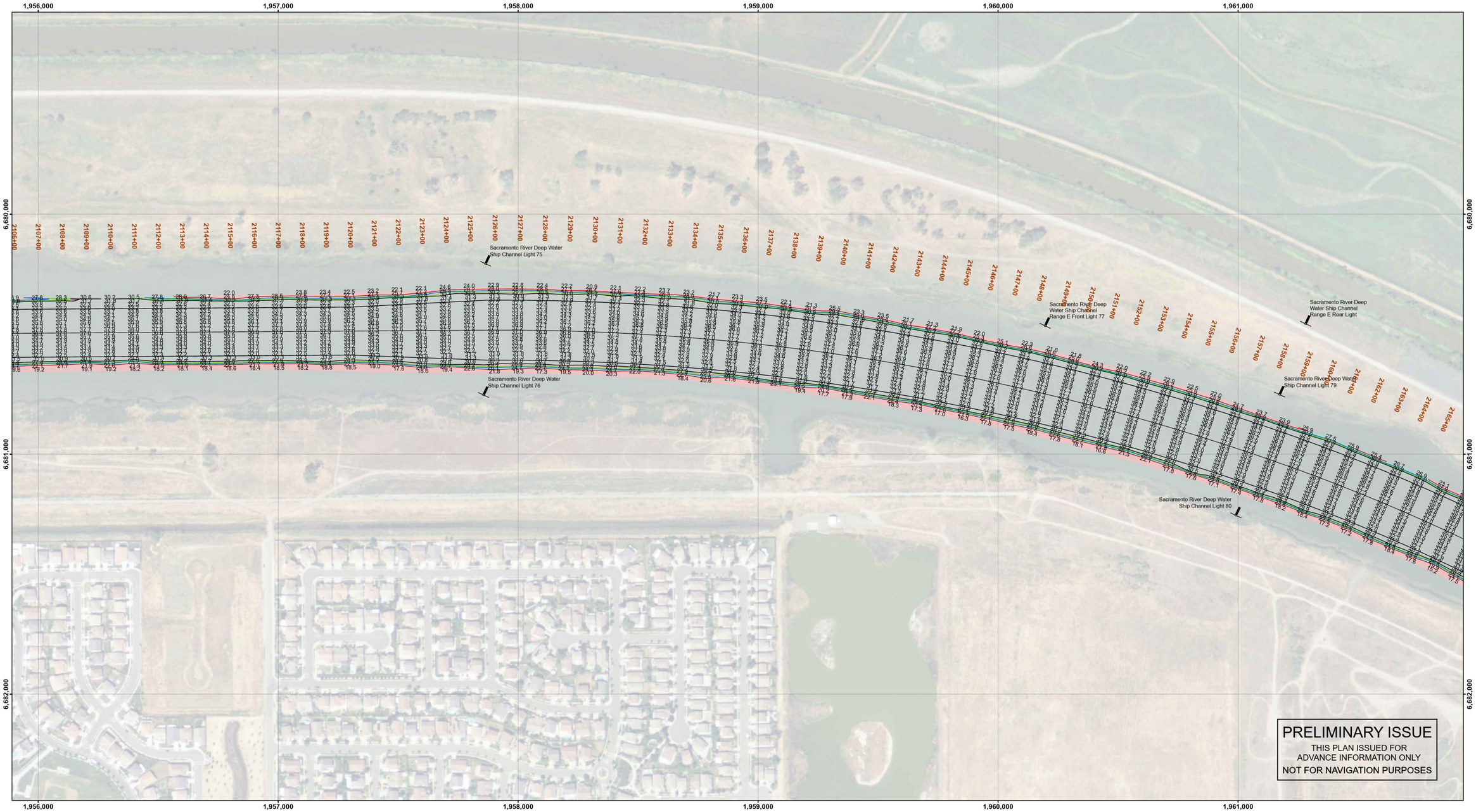
Approved: _____
Chief, Geospatial Branch

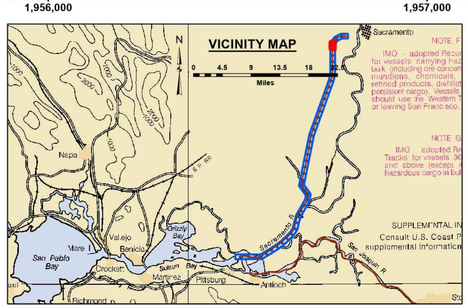
CALIFORNIA

SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
41 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
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- -29
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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District: CESPK

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Surveyed By:	Chart Date: Jan 26, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

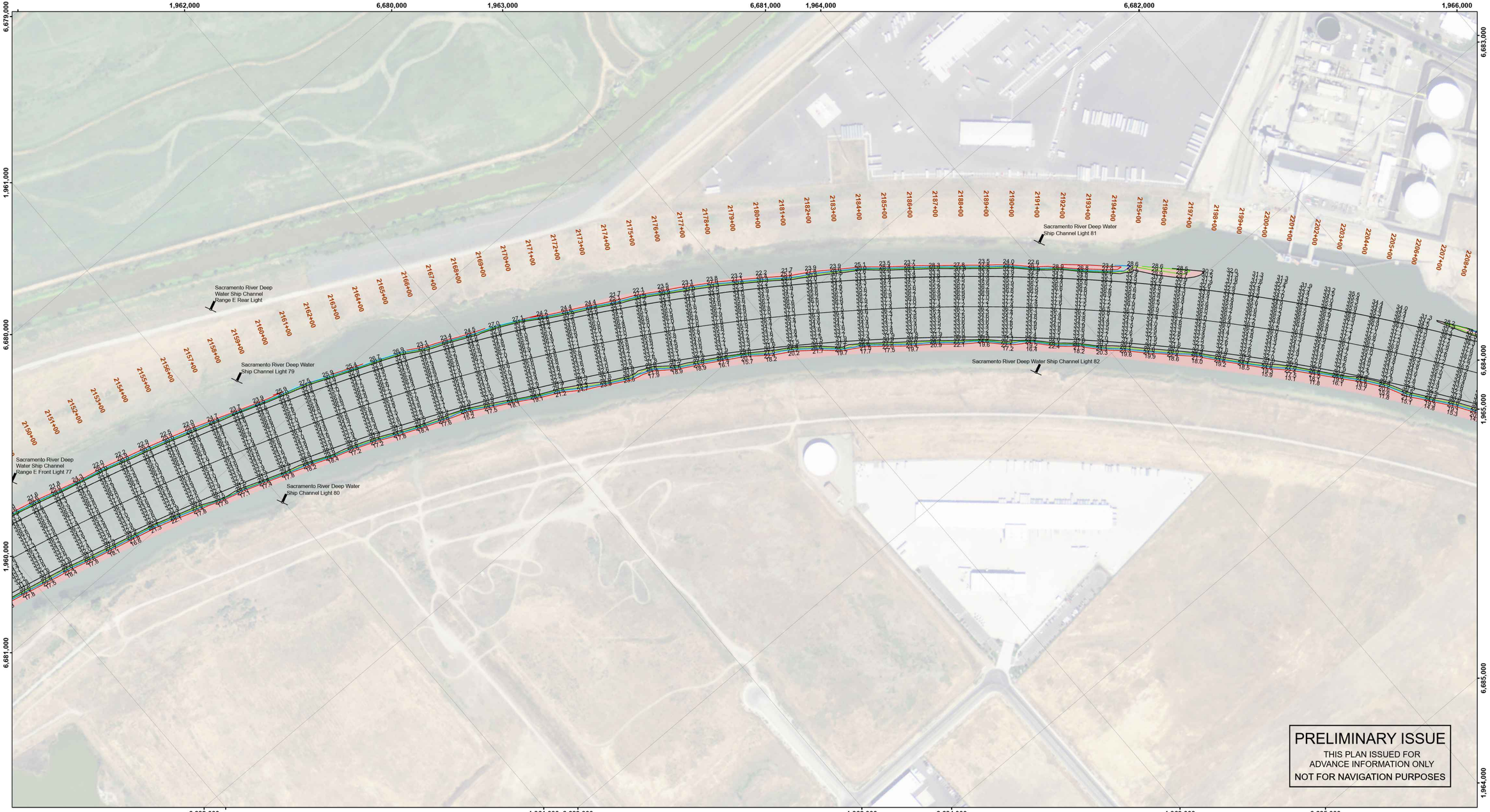
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

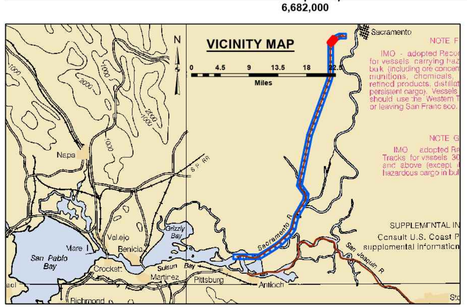
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
42 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
- Cable Area
- Placement Area
- Anchorage Area
- Obstruction Point
- Wrecks-Submerged
- Shoaling Area
- Shoalest Sounding within Channel Quarter**
- Beacon, General
- Red Navigation Buoy
- Green Navigation Buoy

Contours
- -30
- -29
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PROJECT DEPTH: -30'

VERTICAL DATUM: MLLW

THE LOCATION OF NAVIGATION AIDS ARE BASED ON AND PROVIDED BY THE U.S. COAST GUARD

CONTROLS:
LOCATION: RIO VISTA
NOOA STATION: 9415316
BENCHMARK: 5316 B 1996 (NO PID)
TIDE GAUGE: NAIL @ 8.2 FT MLLW
METADATA: NAIL SET BY USACE 31 MARCH, 2014

LOCATION: PORT OF WEST SACRAMENTO
NOOA STATION: 9416131
BENCHMARK: POWS1 (No PID)
TIDE GAUGE: NAIL @ 10.0 FT MLLW
METADATA: NAIL SET BY USACE 8 APRIL, 2014

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US Army Corps of Engineers
District: CESPK

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Surveyed By:	Chart Date: Jan 28, 2026
Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

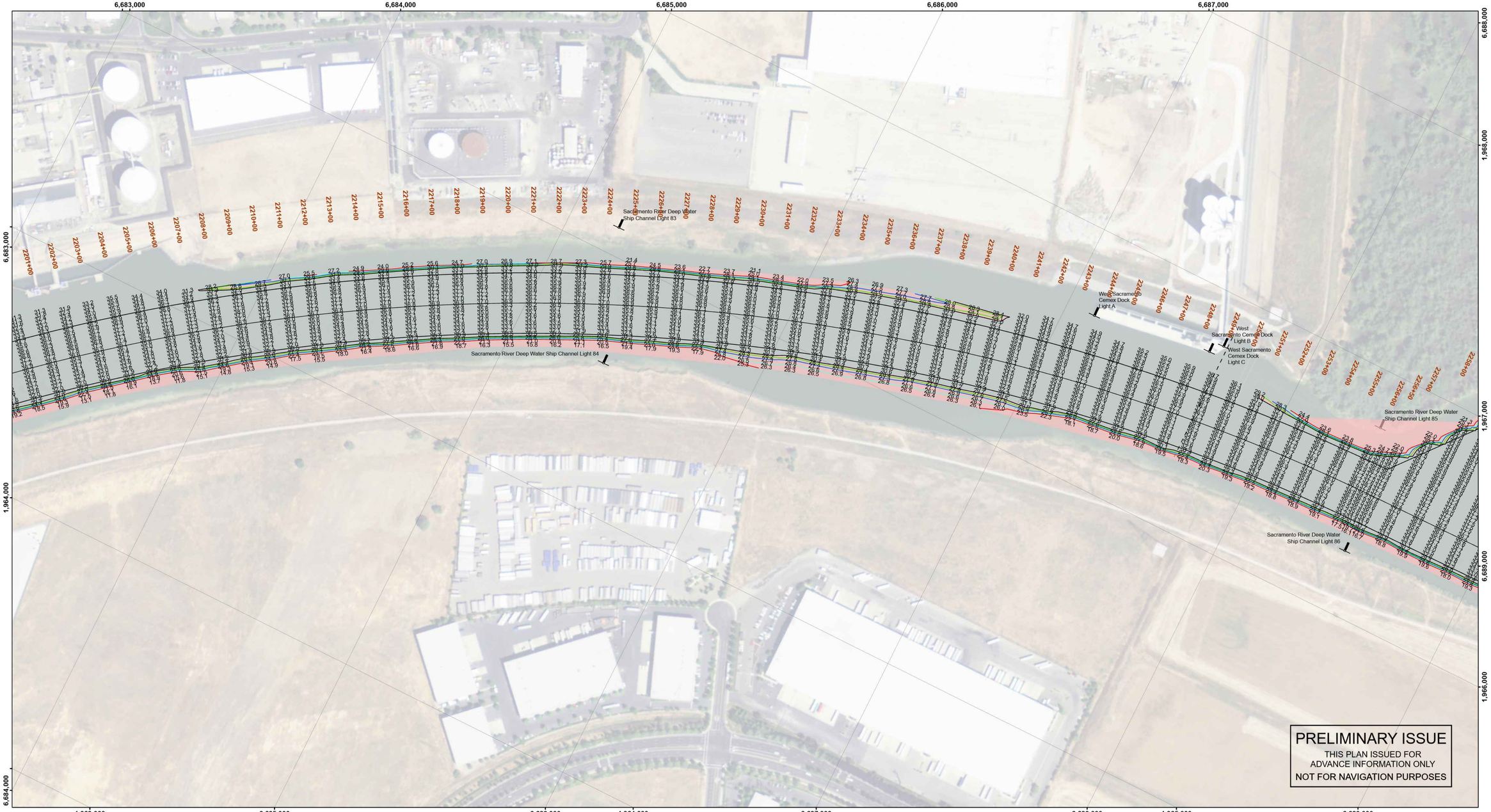
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT. COLONEL, U.S. ARMY COMMANDING

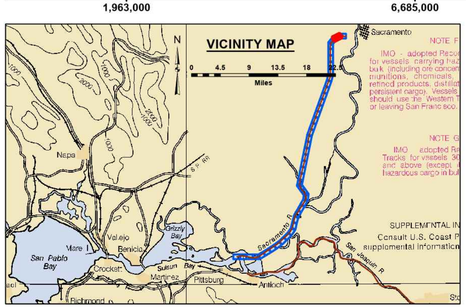
Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number
43 of 45





Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
- Contour Line
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- Shoaling Area
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- Red Navigation Buoy
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Contours
- -30
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VERTICAL DATUM: MLLW

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Plotted By: PDT	Designed by:
Checked By: PDT	Drawn by: PDT

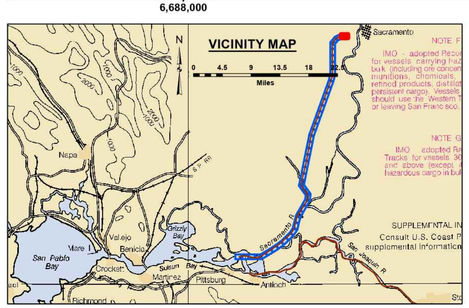
PREPARED UNDER THE DIRECTION OF
VIRGINIA R. BRICKNER
LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

Sheet Reference Number 44 of 45



Feet
0 400 800 1,200

LEGEND

- Federal Navigation Channel
- Federal Navigation Center Line
- Cable Submarine
- Cable Overhead
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- Beacon, General
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- Green Navigation Buoy

Contours
-30
-29
-28
-27
-26

N W E S

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LT COLONEL, U.S. ARMY COMMANDING

Submitted: Technical Services Section Leader
Recommended: Chief, Technical Services Section
Approved: Chief, Geospatial Branch

CALIFORNIA
SAN JOAQUIN COUNTY

SACRAMENTO RIVER
CONDITION SURVEY
05-07 JANUARY 2026

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45 of 45