

PORT OF SAN FRANCISCO FISHERMAN'S WHARF

AEW ENGINEERING CONDITION HYDROGRAPHIC SURVEY



SHEET INDEX:

SHEET 1 - PROJECT INFORMATION
SHEET 2 - MEAN SOUNDINGS BINNED AT 40FT
SHEET 3 - DEM & CONTOURS

GENERAL NOTES:

1. SURVEY DATA COLLECTED ON JUNE 28, 2024.
2. HORIZONTAL DATUM/PROJECTION: NAD83 (2011)/SPCS CA ZONE 3 - U.S. SURVEY FEET.
3. HORIZONTAL CONTROL: ETRAC ACTUAL REFERENCE STATION: WESTAR, 37°46'27.44944"N, 122°22'56.65973"W
4. VERTICAL DATUM: MLLW, U.S. SURVEY FEET.
5. VERTICAL CONTROL: EE-01 2016, 10.534USFT.
6. POSITIONING AND MOTION DATA WAS COLLECTED USING AN R2SONIC I2NS.
7. SOUNDINGS WERE COLLECTED USING AN R2SONIC 2024 OPERATING AT 200 KHZ.
8. BATHYMETRIC INFORMATION REPRESENTS GENERAL CONDITIONS AT THE TIME OF THE SURVEY.

Fishermans Wharf - Available Material					
Survey Date: 6/28/2024; Volumes Calculated in Hypack 2021					
Dredge Area	Project Grade (ft)	Material to Grade (cyds)	Material in Overdepth +1 ft (cyds)	Material in Overdepth +2 ft (cyds)	Total Material (cyds)
DU1	12	12,696	3,577	3,577	19,850
DU2	12	12,359	2,892	2,904	18,155
DU3	12	2,387	1,289	1,686	5,361
DU4	12	17,319	8,731	9,267	35,317
DU5	12	19,229	6,343	7,468	33,040
Total		63,990	22,831	24,902	111,723



AEW ENGINEERING
111 MAIDEN LANE
SUITE 500
SAN FRANCISCO, CA 94108
415.495.8400
aewengineering.com



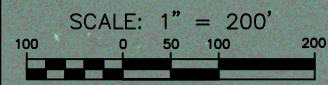
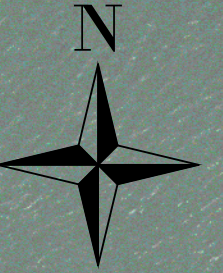
eTrac Inc.
637 LINDARO STREET
SUITE 100
SAN RAFAEL, CA 94901
415.462.0421
eTracInc.com

SURVEY DATE:
June 28, 2024
DESIGNED BY: CGH
REVISION #
FILE NAME:
AEW_20240628_POSF_FisheransWharf.dwg

PLOT DATE:
July 15, 2024
CHECKED BY: JAK

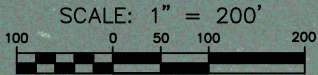
PORT OF SAN FRANCISCO
FISHERMAN'S WHARF
AEW ENGINEERING
PROJECT INFORMATION

Reference
Number:
S1



IF SHEET IS LESS THAN 11"x17"
IT IS A REDUCED PRINT,
SCALE ACCORDINGLY

	AEW ENGINEERING 111 MAIDEN LANE SUITE 500 SAN FRANCISCO, CA 94108 415.495.8400 aewengineering.com		eTrac Inc. 637 LINDARO STREET SUITE 100 SAN RAFAEL, CA 94901 415.462.0421 eTracInc.com	SURVEY DATE: June 28, 2024 DESIGNED BY: CGH REVISION # FILE NAME: AEW_20240628_POSF_FisheransWharf.dwg	PLOT DATE: July 15, 2024 CHECKED BY: JAK	PORT OF SAN FRANCISCO FISHERMAN'S WHARF AEW ENGINEERING SOUNDINGS - BINNED AT 40FT	Reference Number: S2
--	--	--	---	--	--	--	---



IF SHEET IS LESS THAN 11"x17"
IT IS A REDUCED PRINT,
SCALE ACCORDINGLY



AEW ENGINEERING
111 MAIDEN LANE
SUITE 500
SAN FRANCISCO, CA 94108
415.495.8400
aewengineering.com



eTrac Inc.
637 LINDARO STREET
SUITE 100
SAN RAFAEL, CA 94901
415.462.0421
eTracInc.com

SURVEY DATE: June 28, 2024	PLOT DATE: July 15, 2024
DESIGNED BY: CGH	CHECKED BY: JAK
REVISION #	
FILE NAME: AEW_20240628_POSF_FisheransWharf.dwg	

PORT OF SAN FRANCISCO
FISHERMAN'S WHARF
AEW ENGINEERING
DEM & CONTOURS

Reference
Number:
S3