

Manson Dredge Update

Dredge Types, Contract Types,
Equipment Utilization and
Available Capacity

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CMANC Fall Meeting

10/13/2022



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Outline

1. Review of Nine On-Going Manson Dredge Projects
 - a) Dredge Type / Size
 - b) Client / Contract Model
 - c) Quantity / Unit Price
 - d) Dredge Utilization Rates / Available Dredge Capacity
2. Currently Ongoing Equipment Investment
3. Suggested Take-Aways

On Going Projects- Alaska to Florida

1. Anchorage, AK – Hopper Dredge Westport (in-water)
2. Mouth of Columbia River, WA/OR – Hopper Dredge Bayport (in-water)
3. Larkspur, CA – Clamshell Dredge Valhalla (inbay & offloader)
4. Richmond, CA – Clamshell Dredge Njord (offshore)
5. Channel Islands, CA – CSD H.R. Morris (Beach Placement)
6. Mississippi River Southwest Pass, LA – CSD - Robert M. (Mitch) White (Marsh Placement)
7. Pascagoula, MS – Hopper Dredge Newport (in-water)
8. Mobile, AL – Hopper Dredge Glenn Edwards: (in-water)
9. Jacksonville Harbor, FL – Clamshell Dredge Vasa (unloader)

1. Anchorage, AK – Hopper Dredge Westport – 2,000 cy capacity, non-self propelled



- USACE Alaska District
- RFP- Multi-year Contract (1 base + 2 Option Years)
- In-Water Placement
- 1.1 mil cys per cycle
- \$6.50/cy
- Recent Westport Utilization level: Good (65-75%)
- **Westport Excess Capacity Low**

2. MCR – Hopper Dredge Bayport: 4,800 cy Hopper Dredge



- USACE Portland District
- IFB, Single Season, Unit Price
- In-Water Placement
- 3,500,000 cys
- +/- \$4.50/cy
- Recent Bayport Utilization High > 90%
- Bayport Excess Capacity Near Zero

3. Larkspur Ferry Channel, CA – Valhalla: 55 cy Clamshell Dredge

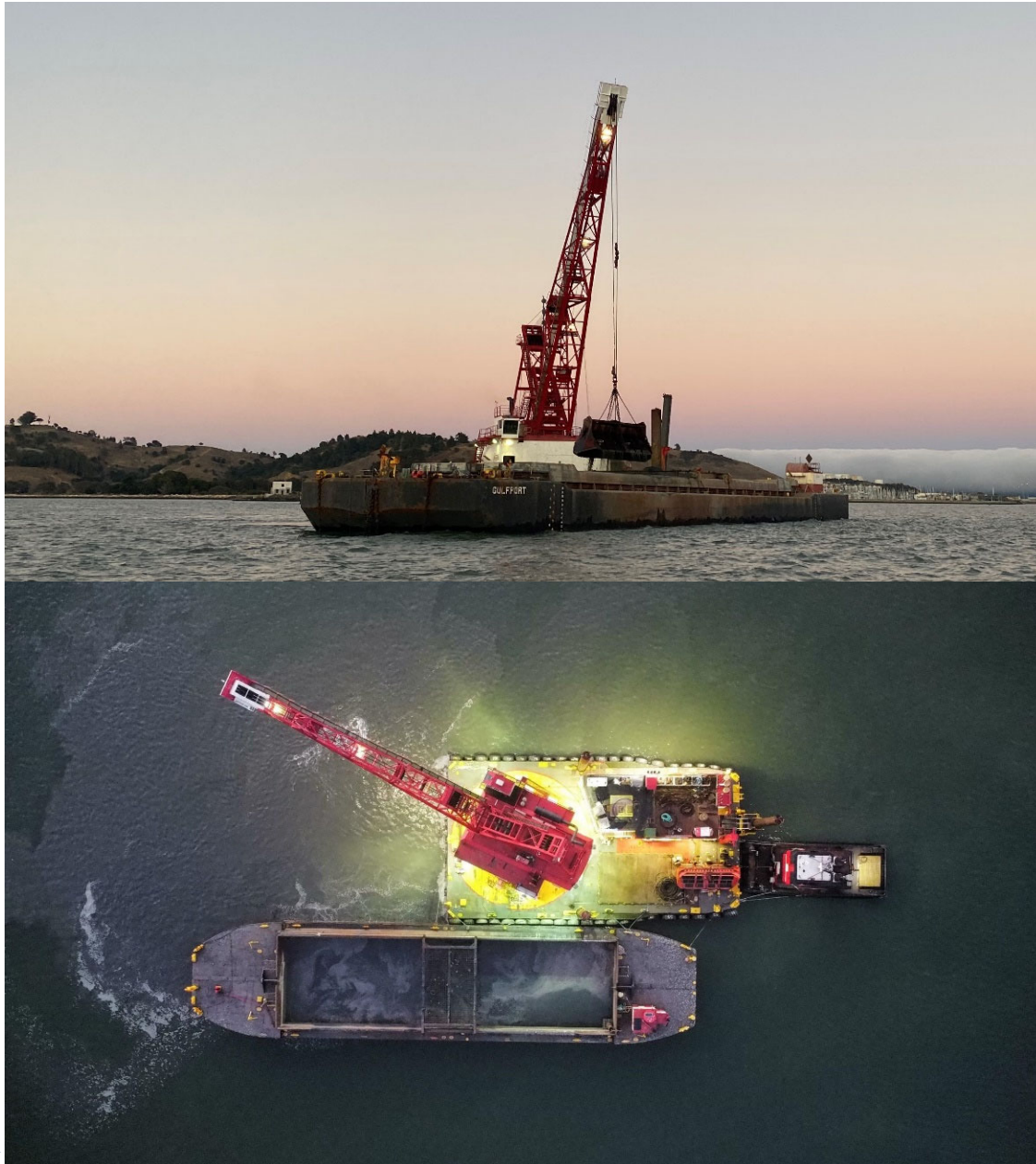


- Golden Gate Bridge Highway & Trans Distr
- IFB, single season
- In-Bay & Upland
- 586,700 cys
- \$8/cy in-bay, \$25/cy upland
- Recent Valhalla Utilization Low (+/- 35%)
- Valhalla Excess Capacity High > 60%

3. Larkspur, CA continued: Unloader



4. Richmond Harbor – Njord: 55 cy Clamshell Dredge



- USACE SF District – Subcontract to Pacific Dredge & Construction
- IFB Small Business Set-aside
- Ocean Disposal (SF-DODs)
- 410,100 cys
- \$16.50/cy (nic mob)
- Recent Njord Utilization Low (+/- 35%)
- **Excess Capacity High >60%**

Larkspur / Richmond / Oakland Continued: 7 ABS Dump Barges – 2,000 to 5,000cy capacity



- Recent ABS Dump Barge Utilization Very Low (+/- 20%)
- **Excess Capacity High (> 70%)**



5. Channel Islands – H.R. Morris- 10,000 hp 27” Dredge



- USACE LA District
- Multi-year Contract (Base + 2 Option Years, every 2 year cycle)
- Beach Placement
- 600,000 cys base, 400,000 cys option per cycle
- \$6.75/cy
- Recent Morris Utilization Low (+/- 30%)
- **Excess Capacity**
>65%



6. Mississippi River SWP, LA – RMW 30 inch Cutter Suction Dredge (CSD)



- USACE NO District
- IFB, Rental
- Upland marsh creation
- +/- 10 mil cys
- +/- \$4.00/cy
- Recent RMW Utilization High (85%-90%)
- **Excess Capacity 10% - 15%**

7. Pascagoula, MS- Hopper Dredge Newport, 4,000 cy



- USACE Mobile District
- IFB, Rental w/ options
- Offshore in-water
- +/- 1 mil cys
- +/- \$4.50/cy
- Recent Newport Utilization High (>90%)
- **Excess Capacity Near Zero**

8. Mobile, AL- Hopper Dredge Glenn Edwards, 13,500 cy



- USACE Mobile District
- IFB, Rental w/ options
- Offshore, in-water
- +/- 3 mil cys
- +/- \$6.00/cy
- Recent Glenn E Utilization High > 90%
- **Excess Capacity Near Zero**

9. Jacksonville, FL – Clamshell Dredge Vasa



- Port of Jacksonville
- RFP, 5 year base w/ Option Years
- Upland CDF
- +/- 600,000 cys per yr
- +/- \$20/cy
- Recent Vasa Utilization +/- 75%
- **Excess Capacity +/-25%**

9. Current Investment – Brownsville, TX, Frederick Paup, 15,000 cy TSHD



Intended Take-Aways

- Demand for Dredging Services vs. Industry Capacity Results in varying Utilization Rates for Specific Types of Equipment in Specific Regions
- Contract Timing Matters, Especially in relation to large Hopper Dredge Schedules
- The West Coast Clamshell and Cutter Suction Dredge Market has Excess Equipment Capacity and could absorb significant increases in workload without additional equipment
- The Gulf and East Coast Hopper and CSD Markets have high utilization (i.e. demand is close to supply) and industry is responding with 3 large Hopper dredges and several large CSDs recently delivered or under construction.
- New build dredge capacity will likely get to market before demand surge due to recent funding can be put out for bid