

PROJECT MEMORANDUM

TRV DBE Project Goal Recommendation

19 September 2025

TO: Jerry Mastin, PE, Alaska Marine Highway System (AMHS)

FROM: Matt Miller, PE, and Susan FitzGerald

JOB NO. 24145.01, Rev. B

References

- 1. 49 CFR 26.45, "How Do Recipients Set Overall Goals?"
- 2. Glosten, Document No. 24145.01, TRV DBE Project Goal Recommendation, Rev. A, 18 June 2025.
- 3. Kristensen, Dirk H., PE and Matthew S. Miller, PE (Glosten), project memorandum to T. Young and J. Collins (Staten Island Ferry), *Response to FTA: Disadvantaged Business Entity (DBE) Project Goal for Ferries*, 10 September 2015.
- 4. San Francisco Bay Area Water Emergency Transportation Authority (WETA), WETA: Disadvantaged Business Enterprise (DBE) Project Goal for 2022-23 Vessel Construction Project, 1 November 2021.
- 5. United States Census Bureau, *County Business Patterns: 2022*, available at https://www.census.gov/data/datasets/2022/econ/cbp/2022-cbp.html, accessed 25 September 2024.
- 6. United States Department of Transportation (USDOT), *Tips for Goal-Setting in the Disadvantaged Business Enterprise (DBE) Program*, https://www.transportation.gov/osdbu/disadvantaged-business-enterprise, accessed September 2024.
- 7. Lunt, A. (Florida Dept. of State, Division of Corporations), email to FitzGerald, S. (Glosten), "Re: request: current Florida businesses list," 25 October 2024.
- 8. Collins, J. (New York State Department of Transportation), email to Miller, M (Glosten), "DBE report to FTA: SIF Ollis Class," 24 October 2024.
- 9. Bludworth, M. (Bollinger Shipyards LLC), email to FitzGerald, S. (Glosten), "New Contact Form Submission," 21 October 2024.
- 10. Greene, L. (Nichols Brothers Boat Builders), email to FitzGerald, S. (Glosten), "Re: Request: Disadvantaged Business Enterprise (DBE) subcontracting information," 29 October 2024.
- 11. Keen Independent Research LLC, 2022 Oregon Department Of Transportation Disparity Study, Final Summary Report, June 2022.
- 12. BBC Research & Consulting, 2023 State of Oregon Disparity Study, November 2023.
- 13. BBC Research & Consulting, 2024 Pennsylvania Department of Transportation Disparity Study, September 2024.

- 14. Ghorbanpoor, A.; X. Oin, A.M. Kissel, and K. K. Orendorff, Maximization of Disadvantaged Business Enterprise (DBE) Participation, Institute for Physical Infrastructure and Transportation, University of Wisconsin-Milwaukee, WisDOT ID no. 0092-22-67, September 2023.
- 15. Federal Transit Administration (FTA), ""DBE Goal Setting" Video Transcript," Civil Rights, https://www.transit.dot.gov/regulations-and-guidance/civil-rights-ada/dbe-goal-setting-videotranscript, accessed 2 October 2024.
- 16. Alaska Department of Transportation & Public Facilities (AK DOT&PF) Civil Rights Office, Disadvantaged Business Enterprise Goal Methodology, Federal Fiscal Year 2025-2027, 1 September 2024.
- 17. Littlejohn, D. (National Association of Minority Contractors), email to FitzGerald, S. (Glosten), "RE: Suggested text for flyer distribution email," 5 May 2025.
- 18. Perreault, S. (Business Impact NW), email to Grossmann, K. (Glosten), "RE: AMHS Ferry Construction DBE Goals - Public Webinar Info," 7 May 2025.

List of Tables

Table 1	Relevant NAICS codes	. 4
Table 2	Candidate shipyards that define the project market area.	. 5
Table 3	State and overall totals for relative availability of DBE firms	. 7
Table 4	Weighted base figure	. 7
Table 5	Data sources	. 9
Table 6	Step Two adjusted figure weighting	12
Table 7	Anticipated DBE participation over TRV construction period	14

List of Appendices

Appendix A: Step One Base Figures

Appendix B: Data Source Files (.zip file, provided separately)

Appendix C: DBE Marine Specialization Screening

Appendix D: Step Two Adjusted Figures Based on Marine Specialty Keywords

Appendix E: Proof of Publication

Appendix F: Public Consultation Webinar Presentation

Introduction

The Alaska Marine Highway System (AMHS), is planning to acquire a new ferry, partially funded by the Federal Transit Administration (FTA). The new ferry, referred to as the Tustumena Replacement Vessel (TRV) is designed with a diesel-electric propulsion system and the following characteristics:

Vessel Type:	Roll-On/Roll-Off Passenger Vessel (ROPAX)
Service Type:	Domestic/International
Service Route Type:	Oceans (No more than 50 nm from shore)
Range/Endurance:	4,000 nm (20 days)
Hull & Superstructure Material:	Steel
Length Overall:	330'-0"
Length at Waterline:	329'-0"
Maximum Beam:	74'-10"
Draft:	15'-10"

Air Draft:	.90'-0"
Lightship Displacement:	.4.188 LT

The exact amount of FTA funds available for this vessel construction project is not yet known, but is estimated at \$310,000,000 for the purposes of this memo.

New ferry construction projects fall under FTA's transit vehicle manufacturer (TVM) requirements, which limit bidders to FTA-certified TVMs. A TVM is any manufacturer whose primary business purpose is to manufacture vehicles built for mass transportation. Because no shipyards are registered as TVMs¹, AMHS has established a project-specific DBE goal for the shipyard construction portion of this project in lieu of limiting bidders to certified TVMs. This memo details the process followed, as outlined in 49 CFR 26.45 (Reference 1), for establishing the DBE project goal, and summarizes findings and conclusions. It provides an update to the previous version of this memo (Reference 2).

Approach

There are eight requirements that must be met to establish the appropriate percentage of DBE participation. These are:

- 1. Develop a detailed list of contracting and subcontracting opportunities.
- 2. Identify the geographic market area.
- 3. Develop the Step One base figure.
- 4. Define the sources used to establish the goal.
- 5. Step Two adjustment.
- 6. Include a race-conscious / race-neutral breakdown.
- 7. Provide for meaningful consultation.
- 8. Provide proof of publication.

Requirement 1: Develop a Detailed List of Contracting and Subcontracting Opportunities

There are no DBE prime contractors for ferry construction within the geographic market area for this project (defined in Requirement 2). We therefore considered all available subcontracting opportunities, including opportunities for constructing components and subcomponents, for the construction of the proposed ferry.

Relevant NAICS Codes

A detailed list of contracting and subcontracting opportunities for DBE subcontractors was created using the appropriate North American Industry Classification System (NAICS) codes. In an effort to avoid being overly broad, 32 specific NAICS codes were identified as most likely to provide opportunities for DBEs for this project. These codes were identified based on previous DBE goal efforts (References 3 and 4), and a search for additional relevant NAICS codes using the terms "marine," "ship," and "vessel."

Opportunities for larger component and subcomponent subcontracts are included in the selected NAICS codes. Examples include marine components, such as ladders and railings (332996). Other contracting opportunities include electrical engineering and marine engineering (541330). The selected NAICS codes are listed along with their relevant service categories in Table 1.

¹ https://www.transit.dot.gov/regulations-and-guidance/civil-rights-ada/eligible-transit-vehicle-manufacturers



Table 1 Relevant NAICS codes

NAICS Code	2022 NAICS Definition	Relevant Service Categories
237990	Other Heavy and Civil Engineering Construction	Marine Construction, Dredging
238210	Electrical Contractors and Other Wiring Installation Contractors	Installation of lighting systems, audio-visual equipment, communication equipment (including public address systems), computer and network cable, electronic control systems, etc. installation
238220	Plumbing, Heating, and Air- Conditioning Contractors	Heating, ventilation and air-conditioning (HVAC) contractors and fire sprinkler system installation contractors
238310	Drywall and Insulation Contractors	Acoustical ceiling tile and panel installation, acoustical foam (i.e., sound barrier) installation, soundproofing contractors, mineral wool insulation installation
238320	Painting and Wall Covering Contractors	Ship Painting Contractors
238330	Flooring Contractors	Resilient floor tile or sheet (e.g., linoleum, rubber, vinyl), installation contractors
238350	Finish Carpentry Contractors	Ship joinery contractors
325510	Paint and Coating Manufacturing	Marine paints manufacturing
331420	Copper Rolling, Drawing, Extruding, and Alloying	Shipboard Cable
331529	Other Nonferrous Metal Foundries (except Die-Casting)	Ship Propellers
332410	Power Boiler and Heat Exchanger Manufacturing	Marine power boilers
332510	Hardware Manufacturing	Metal marine hardware manufacturing
332996	Fabricated Pipe and Pipe Fitting Manufacturing	Fabricated pipe, pipe bends, pipe fittings, and manifolds made from purchased pipe (including ladders and railings)
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	Marine horns, ship propellers, and outfitting fixtures
333618	Other Engine Equipment Manufacturing	Marine Engines Manufacturing
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	GPS, satellite, and marine radio communications equipment
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	Fathometer, gyrocompass, radar systems, navigational instruments, etc. manufacturing
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	Boiler controls, industrial, power, and marine- type, manufacturing

4

NAICS Code	2022 NAICS Definition	Relevant Service Categories
335313	Switchgear and Switchboard Apparatus Manufacturing	Electrical system components
335314	Relay and Industrial Control Manufacturing	Marine and navy auxiliary controls manufacturing
335910	Battery Manufacturing	Marine storage batteries and lithium batteries manufacturing
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing	Boat and ship lighting fixtures manufacturing
336360	Motor Vehicle Seating and Interior Trim Manufacturing	Seats for public conveyances, manufacturing
336611	Ship Building and Repairing	Ferryboat and passenger ship building
337127	Institutional Furniture Manufacturing	Ship furniture manufacturing
423510	Metal Service Centers and Other Metal Merchant Wholesalers	Metal pipe, metal products, wire rope, foundry products, steel, etc. merchant wholesalers
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	Marine engines and turbines wholesalers and ships merchant wholesalers
488330	Navigational Services to Shipping	Harbor Tugboat Services
532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing	Towing, small boats, mooring lines
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	Scaffolding, auxiliary machinery, safety equipment, etc.
541330	Engineering Services	Marine engineering and maritime technology services
561320	Temporary Help Services	Labor Contractors

Requirement 2: Identify the Geographic Market Area

The geographic market area for this project is based on locations of shipyards that are likely to bid on the proposed ferry construction. There are no shipyards in Alaska with the capacity to build a ferry the size of the TRV, therefore Alaska is not in the geographic market area for this project. The six states with qualified shipyards evaluated as candidates are Florida, Louisiana, Mississippi, Oregon, Pennsylvania, and Wisconsin (Table 2).

Table 2 Candidate shipyards that define the project market area.

Company	Shipyard	City, State
	Bollinger Mississippi Shipbuilding	Pascagoula, MS
Bollinger Shipyards	Bollinger Lockport New Construction	Lockport, LA
	Bollinger Marine Fabricators	Amelia, LA
Eastern Shipbuilding Group	Allanton Road Shipyard	Panama City, FL

Company	Shipyard	City, State
Einantini Marina Carre	Fincantieri Marinette Marine (FMM)	Marinette, WI
Fincantieri Marine Group	Fincantieri Bay Shipbuilding	Sturgeon Bay, WI
Gunderson Marine LLC	Gunderson Marine & Iron	Portland, OR
Philly Shipyard ASA	Philly Shipyard	Philadelphia, PA
Thoma-Sea Marine	Thoma-Sea Houma	Houma, LA
Constructors, LLC	Thoma-Sea Lockport	Lockport, LA

DBE firms registered in these six states were included in the analysis.

Requirement 3: Develop the Step One Base Figure

Relative DBE Availability

Developing the Step One base figure involves calculating the relative availability of DBEs for each NAICS code. The relative availability of DBE firms was derived by dividing the number of ready, willing, and able DBEs in a particular NAICS code by the number of all ready, willing, and able firms (DBEs and non-DBEs) in that NAICS code.

The number of DBE contractors in each of the six states of interest was obtained from the states' certified DBE databases. The number of all available contractors in each of the six states of interest was obtained from the US Census Bureau's County Business Pattern (CBP) Database (Reference 5) per 49 CFR Part 26.45(c)(1). The CBP data are anonymous. It is assumed that the CBP database includes DBEs and non-DBEs.

The resulting Step One base figures for each of the 32 NAICS codes of interest for each state are presented in Appendix A. In two instances, for NAICS code 237990 for Pennsylvania, and for NAICS code 337127 for Louisiana, there are apparent discrepancies between the CBP database and the state DBE database, resulting in a higher number of DBE firms than the number of all firms provided by the CBP data. This is likely caused by differences in the dates of the datasets; the CBP data are from 2022, and the DBE data are from September (Louisiana) and November (Pennsylvania) 2024. In these two cases, the relative availability of DBE firms was manually adjusted to 100% (Appendix A).

A summary of total values and the overall base figure are presented in Table 3.



Table 3 State and overall totals for relative availability of DBE firms

State	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)
FL	37,863	1,211	3.20%
LA	5,956	516	8.66%
MS	2,415	212	8.78%
OR	6,673	233	3.49%
PA	15,366	1,153	7.50%
WI	8,347	300	3.59%
Overall Totals	61,254	2,472	4.73%

The relative availability of DBE firms in the market area is 4.73% but varies by state; the median value is 5.55%. The actual location of the TRV construction work has yet to be determined and will be a key factor in establishing the pool of available DBE firms.

Weighting

Weighting is not required by the CFR but can improve the accuracy of the Step One base figure (Reference 6). Table 4 presents the weighted base figures for the vessel construction work scopes represented by the 32 industry codes. Weighting represents the approximate percentage of FTA funding anticipated to be spent on each work scope, which is how DBE utilization will be measured during the project, i.e., based on actual dollars paid to DBEs. DBE availability values provided in Table 4 represent the total number of DBE firms divided by the total number of all firms (summed across all six states) for each industry code (see Appendix A).

Note that there are no DBE companies able to serve as the prime contractor for this project, therefore the DBE work scopes will be subcontracted work. As shown, the weighted base figure is 3.43%.

Table 4 Weighted base figure

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Base Figure
237990	Other Heavy and Civil Engineering Construction	\$3,100,000	1.00%	36.31%	0.36%
238210	Electrical Contractors and Other Wiring Installation Contractors	\$16,275,000	5.25%	3.04%	0.16%
238220	Plumbing, Heating, and Air- Conditioning Contractors	\$35,650,000	11.50%	1.07%	0.12%
238310	Drywall and Insulation Contractors	\$4,030,000	1.30%	7.61%	0.10%
238320	Painting and Wall Covering Contractors	\$7,750,000	2.50%	5.04%	0.13%
238330	Flooring Contractors	\$3,875,000	1.25%	4.37%	0.05%
238350	Finish Carpentry Contractors	\$8,525,000	2.75%	2.41%	0.07%

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Base Figure
325510	Paint and Coating Manufacturing	\$3,875,000	1.25%	5.21%	0.07%
331420	Copper Rolling, Drawing, Extruding, and Alloying	\$6,200,000	2.00%	0.00%	0.00%
331529	Other Nonferrous Metal Foundries (except Die- Casting)	\$2,325,000	0.75%	1.89%	0.01%
332410	Power Boiler and Heat Exchanger Manufacturing	\$6,200,000	2.00%	0.00%	0.00%
332510	Hardware Manufacturing	\$775,000	0.25%	3.61%	0.01%
332996	Fabricated Pipe and Pipe Fitting Manufacturing	\$12,400,000	4.00%	9.09%	0.36%
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	\$2,325,000	0.75%	4.72%	0.04%
333618	Other Engine Equipment Manufacturing	\$1,550,000	0.50%	0.00%	0.00%
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	\$3,100,000	1.00%	8.51%	0.09%
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	\$3,100,000	1.00%	2.41%	0.02%
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	\$775,000	0.25%	3.85%	0.01%
335313	Switchgear and Switchboard Apparatus Manufacturing	\$6,200,000	2.00%	12.16%	0.24%
335314	Relay and Industrial Control Manufacturing	\$930,000	0.30%	4.72%	0.01%
335910	Battery Manufacturing	\$3,100,000	1.00%	0.00%	0.00%
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing	\$2,325,000	0.75%	10.53%	0.08%
336360	Motor Vehicle Seating and Interior Trim Manufacturing	\$8,525,000	2.75%	5.26%	0.14%
336611	Ship Building and Repairing	\$108,500,000	35.00%	0.00%	0.00%

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Base Figure
337127	Institutional Furniture Manufacturing	\$3,875,000	1.25%	2.11%	0.03%
423510	Metal Service Centers and Other Metal Merchant Wholesalers	\$20,150,000	6.50%	8.96%	0.58%
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	\$13,950,000	4.50%	6.40%	0.29%
488330	Navigational Services to Shipping	\$930,000	0.30%	0.23%	0.00%
532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing	\$1,085,000	0.35%	4.11%	0.01%
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	\$3,100,000	1.00%	1.80%	0.02%
541330	Engineering Services	\$9,300,000	3.00%	11.37%	0.34%
561320	Temporary Help Services	\$6,200,000	2.00%	4.13%	0.08%
Estimate	ed Total Federal Funds	\$310,000,000	100%		3.43%

Requirement 4: Sources Used to Establish the DBE Goal

There is no single database that contains the information required to establish the project DBE goal. Information was gathered from seven different databases as shown in Table 5. The source data are provided separately as Appendix B (.zip file) to this memo.

Table 5Data sources

Source Name	Website	Note	Appendix B Filename
US Census Bureau's CBP Database	https://www.census.gov/da ta/datasets/	2022 dataset (released 27 June 2024) Accessed 25 Sept. 2024	cbp22st.zip
Florida DOT Unified Certification Program (UCP) DBE Directory	https://fdotxwp02.dot.state .fl.us/EqualOpportunityOf ficeBusinessDirectory/Cus tomSearch.aspx	Accessed 28 Sept. 2024	Florida_28Sept2024_ ALL_DBE_ACDBE_ REPORT.xlsx
Louisiana UCP Directory	http://www8.dotd.louisian a.gov/UCP/UCPSearch.as px	Accessed 26 and 28 Sept. and 8 Oct. 2024	Louisiana DBE source files (folder name)

Source Name	Website	Note	Appendix B Filename	
Mississippi DOT DBE Supportive Services	https://www.msdbe.com/	Accessed 25 Sept. 2024	Mississippi DBE Listing_25Sept2024.pdf	
Oregon Certification Office for Business Inclusion and Diversity (COBID) Certified Vendor Directory	https://oregon4biz.diversit ysoftware.com/FrontEnd/S earchCertifiedDirectory.as p?XID=518&TN=oregon4 biz	Accessed 9 Oct. 2024	Oregon Directory_2024- 10-09_872.csv	
Pennsylvania UCP	https://paucp.dbesystem.co m/	Accessed 5 Nov. 2024	PA DBE Directory_ ALL_2024-11-05.xls	
Wisconsin DOT DBE UCP Directory	https://wisconsindot.gov/Pages/doing-bus/civil-rights/dbe/cntrcting-withdbe.aspx	6 Sept. 2024 dataset Accessed 26 Sept. 2024	WI_26Sept2024_dbe- ucp-directory.xlsx	
Dun and Bradstreet Hoovers database	https://app.hoovers.dnb.co m/	Accessed 25 Oct. and 15 Nov. 2024	D&B Hoovers_ 25Oct2024 Marine Specialists.xlsx D&B Hoovers_ 15Nov2024 Maritime search results.xlsx	

Requirement 5: Step Two Adjustment

The regulations require consideration of all evidence available in a recipient's jurisdiction to determine whether an adjustment to the Step One base figure is necessary. This includes any data that would help to better measure the percentage of work that DBEs would be likely to obtain in the absence of discrimination (Reference 6).

Marine industry expertise, past DBE participation in other ferry construction projects, and available disparity studies were considered in determining appropriate adjustments to the base figure. No other types of evidence or data relevant to adjusting the base figure were found.

Marine Specialization

The marine industry is highly specialized, and TRV construction must comply with several regulatory agencies, including the United States Coast Guard (USCG) and the America Bureau of Shipping (ABS). One of the most significant factors that will impact the level to which DBEs will be able to participate in some aspects of the TRV construction project is whether they have the required marine experience.

One example of this specialization is demonstrated by marine electrical requirements, which, unlike land-based electrical installations, do not have a "ground" for electrical circuits and require special training and expertise. Another example is the application of marine paint to vessel hulls. Hull paint is chemically designed to discourage marine growth and requires special handling, surface preparation, and application. One final example is shipboard plumbing, which requires specific knowledge as well as piping materials for each application, as standard copper and plastic piping found in homes and buildings are prohibited from most shipboard applications. Specialized materials require specialized installation and welding knowledge and regulatory agency certifications, which limit subcontractors to those with the required expertise and



certifications. Serious contractual and financial problems can arise for all parties, including the Owner, Contractor, and DBE subcontractors, if attempts are made by non-marine subcontractors to complete vessel construction work in which they have insufficient experience.

We believe that adjusting the base figure to more accurately reflect the availability of DBEs with the required marine-specific skills and experience in certain NAICS categories is necessary to identify a reasonable DBE project goal. These categories include:

- 1. 237990, Other Heavy and Civil Engineering Construction.
- 2. 238210, Electrical Contractors and Other Wiring Installation Contractors.
- 3. 238220, Plumbing, Heating, and Air-Conditioning Contractors.
- 4. 238310, Drywall and Insulation Contractors.
- 5. 238320, Painting and Wall Covering Contractors.
- 6. 238330, Flooring Contractors.
- 7. 488330, Navigational Services to Shipping.
- 8. 532411, Commercial Air, Rail, and Water Transportation Equipment.
- 9. 541330, Engineering Services.

An estimate of the number of marine DBEs was obtained by first performing a keyword search in each state's DBE dataset using the keywords "marine," "maritime," "vessel," or "ship" in the firm's name, business description, or the NAICS codes. Information regarding these DBE companies was further examined to verify that they work in the marine field and could therefore be considered a marine DBE. This approach is similar to that used by Staten Island Ferry for establishing the DBE project goal for the Ollis Class ferry construction (Reference 3). Appendix C presents a summary of the DBE companies screened using the keywords search and the resulting determination of their status as a marine DBE.

In an effort to compare the number of identified marine DBEs to the number of all marine firms, the Dun & Bradstreet Hoovers database² was queried for the states in the market area and the nine NAICS codes listed above, plus the search terms "marine," "maritime," "vessel," or "ship".

An adjusted base figure was established by dividing the number of marine DBEs by the total number of all available marine firms in each state in the project market area for each of the nine NAICS codes listed above (state marine DBEs plus state marine non-DBEs). Marine DBEs not already listed in the Hoovers database were added into the denominator of the adjusted base figure.

These adjusted base figures per NAICS code are shown in Appendix D. The adjusted weighting per FTA funding is shown in Table 6; the adjusted base figure is 2.46%, which represents approximately \$7.6M of FTA funding.

19 September 2025 Glosten

² US Census data are anonymous; searches for marine specialty keywords are not possible using these data. Glosten looked into acquiring business listings from states, beginning with the Florida Department of State, Division of Corporations. However, they responded that records filed with their office are not indexed by type of business entity (Reference 7). Therefore, identification of NAICS codes relevant to state business records would not be possible.

Table 6 Step Two adjusted figure weighting

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Adjusted Figure
237990	Other Heavy and Civil Engineering Construction	\$3,100,000	1.00%	0.53%	0.01%
238210	Electrical Contractors and Other Wiring Installation Contractors	ther Wiring Installation \$16,275,000 5		1.79%	0.09%
238220	Plumbing, Heating, and Air- Conditioning Contractors	\$35,650,000	11.50%	0.00%	0.00%
238310	Drywall and Insulation Contractors	\$4,030,000	1.30%	0.00%	0.00%
238320	Painting and Wall Covering Contractors	\$7,750,000	2.50%	5.88%	0.15%
238330	Flooring Contractors	\$3,875,000	1.25%	0.00%	0.00%
238350	Finish Carpentry Contractors	\$8,525,000	2.75%	2.41%	0.07%
325510	Paint and Coating Manufacturing	\$3,875,000	1.25%	5.21%	0.07%
331420	Copper Rolling, Drawing, Extruding, and Alloying	\$6,200,000	2.00%	0.00%	0.00%
331529	Other Nonferrous Metal Foundries (except Die- Casting)	\$2,325,000	0.75%	1.89%	0.01%
332410	Power Boiler and Heat Exchanger Manufacturing	\$6,200,000	2.00%	0.00%	0.00%
332510	Hardware Manufacturing	\$775,000	0.25%	3.61%	0.01%
332996	Fabricated Pipe and Pipe Fitting Manufacturing	\$12,400,000	4.00%	9.09%	0.36%
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	\$2,325,000	0.75%	4.72%	0.04%
333618	Other Engine Equipment Manufacturing	\$1,550,000	0.50%	0.00%	0.00%
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	\$3,100,000	1.00%	8.51%	0.09%
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	\$3,100,000	1.00%	2.41%	0.02%

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Adjusted Figure
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	\$775,000	0.25%	3.85%	0.01%
335313	Switchgear and Switchboard Apparatus Manufacturing	\$6,200,000	2.00%	12.16%	0.24%
335314	Relay and Industrial Control Manufacturing	\$930,000	0.30%	4.72%	0.01%
335910	Battery Manufacturing	\$3,100,000	1.00%	0.00%	0.00%
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing	\$2,325,000	0.75%	10.53%	0.08%
336360	Motor Vehicle Seating and Interior Trim Manufacturing	\$8,525,000	2.75%	5.26%	0.14%
336611	Ship Building and Repairing	\$108,500,000	35.00%	0.00%	0.00%
337127	Institutional Furniture Manufacturing	\$3,875,000	1.25%	2.11%	0.03%
423510	Metal Service Centers and Other Metal Merchant Wholesalers	\$20,150,000	6.50%	8.96%	0.58%
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers	\$13,950,000	4.50%	6.40%	0.29%
488330	Navigational Services to Shipping	\$930,000	0.30%	0.28%	0.00%
532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing	\$1,085,000	0.35%	12.50%	0.04%
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	\$3,100,000	1.00%	1.80%	0.02%
541330	Engineering Services	\$9,300,000	3.00%	0.60%	0.02%
561320	Temporary Help Services	\$6,200,000	2.00%	4.13%	0.08%
Estimate	ed Total FTA Funds	\$310,000,000	100.00%		2.46%

TRV construction is expected to begin in federal fiscal year 2026 and extend into 2028. The anticipated level of DBE participation during each federal fiscal year covered by the project goal is presented in Table 7.



Table 7 Anticipated DBE participation over TRV construction period

Federal Fiscal Year	DBE Participation
2026	0.67%
2027	0.78%
2028	1.00%
Total	2.46%

Past Participation

No information is available regarding DBE participation on past AMHS FTA-funded ferry construction projects, so no further adjustment to the 2.46% value based on past participation was made.

For comparison, Glosten sought information regarding DBE attainment on other entities' ferry construction projects. The following information was found.

- An actual DBE participation level of 2.19% (Reference 8) was achieved on construction of the three SIF Ollis Class ferries. These ferries are of a similar size to the proposed TRV and were built by Eastern Shipbuilding Group in Florida. SIF used a targeted, race-conscious approach to attaining DBE participation.
- DBE attainment information was requested from several shipyards, and two responded.
 - o A Bollinger Shipyard representative stated that in their experience, DBE participation has been generally low, on the order of 1-3% (Reference 9).
 - A representative of Nichols Brothers Boat Builders in Washington noted that most project goals they see are below 3% of the contract price, and that sometimes they do not meet that DBE goal (Reference 10).
- Glosten searched records available on the FTA's DBE Compliance Review Final Reports
 website but found no information specific to DBE attainment on ferry construction
 projects. On October 29, 2024, Glosten submitted a Freedom of Information Act (FOIA)
 request for DOT records regarding reports from DOT funding recipients of actual DBE
 participation on federally-assisted new ferry construction projects over the period of 2014
 to present; response is pending.

Disparity Studies

Recent studies examining disparities relating to DBE utilization within the project's market area have been conducted for:

- Oregon Department of Transportation (ODOT; Reference 11³).
- State of Oregon (Reference 12⁴).
- Pennsylvania DOT (Reference 13⁵).

³https://www.oregon.gov/odot/Business/OCR/SiteAssets/Lists/DBE_Dis_List/EditForm/KeenIndependent_2022OD OTDisparityStudy FinalReport 06302022.pdf

⁴https://www.oregon.gov/das/Docs/2023%20State%20of%20Oregon%20Disparity%20Study%20Final%20Report November%2016%202023.pdf

⁵ https://www.penndot.pa.gov/about-us/EqualEmployment/SiteAssets/Pages/Disparity-study/2024 PennDOT Disparity Study Final Report.pdf

• Wisconsin DOT (WisDOT⁶; Reference 14).

None provide specific information regarding DBE participation in marine trades or vessel construction; therefore, these studies are not considered directly applicable to this project.

Requirement 6: Include a Race-Conscious / Race-Neutral Breakdown

The regulations require statements of which portions of the overall goal will be met through race-neutral versus race-conscious measures (49 CFR Part 26.45). A "race-conscious" approach focuses specifically on assisting only DBEs. A "race-neutral" approach aims to assist all small businesses and allows all small businesses to compete with each other, including DBEs (Reference 15).

As part of its efforts to achieve its overall DBE program goal, Alaska DOT&PF Civil Rights Office (CRO) has implemented several race-neutral initiatives designed to encourage the participation of DBE firms and other small businesses in FTA-assisted contracts and strengthen collaboration between FTA subrecipients and DBE firms. These initiatives include continuing outreach and training opportunities to expand knowledge and awareness of the DBE program; providing updates on resources, contracting opportunities, and best practices; and offering a range of supportive services intended to increase long-term capacity and competitiveness (Reference 16).

DBE participation shall be sought on a 100% race/gender-neutral basis. The rationale for this includes:

- CRO's ongoing efforts are helping to establish a level playing field and foster small business and DBE participation in its FTA-assisted contracts.
- An active outreach effort to small businesses will be contractually required in the bid solicitation sent to shipyards, which will encourage them to attain the DBE project goal.
- The meaningful consultation efforts (discussed below) will encourage prime bidders to include small businesses and DBEs without setting explicit requirements.
- Many shipyards have already developed relationships and experience with DBEs in recent years (References 9 and 10).

Requirement 7: Provide for Meaningful Consultation

49 CFR 26.45(g)(1)(i) requires consultation and publication of DBE project goals. The regulations require that this consultation must include "a scheduled, direct, interactive exchange (e.g., a face-to-face meeting, video conference, teleconference) with as many interested stakeholders as possible focused on obtaining information relevant to the goal setting process."

Outreach

Alaska DOT&PF took a targeted approach to establishing, advertising, and soliciting input on the proposed 2.46% DBE participation goal for vessel construction. During the outreach phase of the project goal development, Siemens Energy had been identified as the TRV Propulsion System Integrator under contract with AMHS; however, due to Buy America requirements, there

⁶ https://wisconsindot.gov/documents2/research/0092-22-67-final-report.pdf

will no longer be a direct contract between Siemens Energy and AMHS. The Propulsion System Integrator will be contracted by the construction shipyard.

Meaningful public consultation began in late April 2025, when CRO posted the proposed TRV DBE project goals and the related methodology memos on their website⁷ (as shown in Appendix E).

To reach a wide audience of potentially interested stakeholders, CRO and Glosten advertised these postings and the public consultation webinar several weeks in advance of the event.

CRO advertised the project goals and upcoming webinar on their social media pages (Appendix E) and the TRV project website, and emailed webinar announcements directly to:

- More than 4,200 DBEs within the selected NAICS codes in the market areas.
- Subscribers of Alaska Unified Certification Program (AUCP), Alaska Union & Apprenticeship List, Civil Rights Office Staff, Civil Rights DBE/ACDBE List, DOT&PF Leadership, DOT&PF PIO Staff, Non-DBE Prime & Subcontractor List, Partners & Stakeholders, or Subscribe to Civil Rights Office Updates (576 recipients).
- State DOT Civil Rights representatives in the market areas.

Glosten advertised to the marine industry in widely distributed e-newsletters for three of the largest trade organization publications: Marine Log's newsletter "Marine Daily," "Maritime Today," and "WorkBoat" (Appendix E).

Glosten also requested distribution of the advertisement by the National Association of Minority Contractors (NAMC) and the Minority Business Development Agency (MBDA). The NAMC posted an announcement on their webpage and also distributed it to their members (Reference 17; Appendix E). Glosten repeatedly tried contacting the MBDA chapters in the market area via phone calls and emails, but received only one response. A representative of the MBDA Business Center Oregon, which is operated by Business Impact NW, agreed to share the announcement with their clients and at the 37th Annual OAME (Oregon Association of Minority Entrepreneurs) Trade Show in Portland (Reference 18; Appendix E).

Glosten emailed webinar invitations directly to the shipyards listed in Table 2, plus Nichols Brothers Boat Builders, Everett Ship Repair, and Dakota Creek Industries Inc.

On May 27, 2025, the CRO hosted the public consultation webinar, which provided information on the TRV replacement project and the DBE goal methodology, solicited comments on the proposed DBE project goal, and provided an opportunity for potential contractors and subcontractors to network in advance of the project. In addition to the project team members from DOT&PF and Glosten, 34 individuals attended the webinar live. A copy of the webinar presentation is provided in Appendix F. Links to the project goal recommendation memo, the public consultation webinar recording, a copy of the webinar presentation, and a list of DBE and small business resources are posted on the CRO website and the TRV project website⁸.



⁷ https://dot.alaska.gov/cvlrts/

⁸ https://dot.alaska.gov/amhs/fleet/trv.shtml

Public Consultation Comments

No public comments were received regarding the proposed 2.46% DBE project participation goal for vessel construction, or the methodology used to derive the goal.

Requirement 8: Provide Proof of Publication.

Proof of publication of the recommended DBE project goal, related memo, and the public consultation webinar are provided in Appendix E. A copy of the public webinar presentation slides is provided in Appendix F.

Conclusions

A race/gender-neutral 2.46% DBE participation goal, representing approximately \$7.6M of FTA funding, has been established for the TRV construction project. TRV construction is expected to begin in federal fiscal year 2026 and extend into 2028. The actual location of the TRV construction work has yet to be determined and will be a key factor in establishing the pool of available DBE firms. DBE participation shall be sought on a 100% race-/gender-neutral basis.

237990 Other Heavy and Civil

238210 Electrical Contractors and

238220 Plumbing, Heating, and Air-

	Engineerin	g Construct	ion	Other Wiri	ng Installati	ion Contractors	Conditioni	ng Contract	ors	Contractor	s		Contractor	rs	•	238330 Flo	oring Contr	actors	238350 Fin	ish Carpent	ry Contractors
			Relative			Relative			Relative			Relative			Relative			Relative			Relative
	All	All	Availability	All	All	Availability of	All	All	Availability of	All	All	Availability	All	All	Availability of	All	All	Availability of	All	All	Availability
	Available	Available	of DBE Firms	Available	Available	DBE Firms (Base	Available	Available	DBE Firms (Base	Available	Available	of DBE Firms	Available	Available	DBE Firms (Base	Available	Available	DBE Firms (Base	Available	Available	of DBE Firms
State	Firms	DBE Firms	(Base Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	(Base Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	(Base Figure)
FL ^C	505	115	22.77%	6292	148	2.35%	9071	75	0.83%	1791	64	3.57%	4319	127	2.94%	1879	42	2.24%	4038	23	0.57%
LA^D	124	44	35.48%	1022	55	5.38%	1576	23	1.46%	189	72	38.10%	247	81	32.79%	133	50	37.59%	257	25	9.73%
MS ^E	53	27	50.94%	471	39	8.28%	703	19	2.70%	78	9	11.54%	107	20	18.69%	64	3	4.69%	115	4	3.48%
OR ^F	66	20	30.30%	996	16	1.61%	1324	5	0.38%	373	14	3.75%	1060	31	2.92%	510	9	1.76%	516	22	4.26%
PA	92	115	100.00%	2742	108	3.94%	4136	59	1.43%	521	70	13.44%	1169	101	8.64%	561	40	7.13%	1088	66	6.07%
WI ^G	91	17	18.68%	1439	28	1.95%	1954	19	0.97%	450	30	6.67%	733	25	3.41%	398	11	2.76%	617	20	3.24%
Totals	931	338	36.31%	12962	394	3.04%	18764	200	1.07%	3402	259	7.61%	7635	385	5.04%	3545	155	4.37%	6631	160	2.41%
Totats	331	330	30.31%	12902	334	3.0470	10/04	200	1.07 70	3402	233	7.0170	7033	363	3.0470	3343	133	4.37 70	0031	100	2.4170
																			332999 All	Other Misce	llaneous
	325510 Pai	int and Coat	ing	331420 Co	pper Rollin	g, Drawing,	331529 Ot	ner Nonferro	ous Metal	332410 Po	wer Boiler a	nd Heat				332996 Fal	bricated Pip	e and Pipe	Fabricated	l Metal Produ	ıct
	Manufactu	ring		Extruding,	and Alloyin	g	Foundries	(except Die-	-Casting)	Exchanger	Manufactur	ring	332510 Ha	rdware Man	ufacturing	Fitting Mar	nufacturing		Manufactu	ring	
			Relative			Relative			Relative			Relative			Relative			Relative		1 1	Relative
	All	All	Availability of	All	All	Availability of	All	All	Availability	All	All	Availability of	All	All	Availability of	All	All	Availability	All	All	Availability of
	Available	Available	DBE Firms (Base	Available	Available	DBE Firms (Base	Available	Available	of DBE Firms	Available	Available	DBE Firms (Base	Available	Available	DBE Firms (Base	Available	Available	of DBE Firms	Available	Available	DBE Firms (Base
State	Firms	DBE Firms	Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	(Base Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	Figure)	Firms	DBE Firms	(Base Figure)	Firms	DBE Firms	Figure)
FL ^C	65	4	6.15%	0	0	N/A	6	0	0.00%	9	0	0.00%	31	2	6.45%	18	2	11.11%	145	8	5.52%
LA ^D	9	1	11.11%	0	0	N/A	0	0	N/A	11	0	0.00%	3	0	0.00%	25	1	4.00%	46	8	17.39%
MS ^E	3	2	66.67%	0	0	N/A	0	0	N/A	0	0	N/A	6	0	0.00%	7	1	14.29%	23	1	4.35%
OR ^F	20	1	5.00%	0	0	N/A	12	0	0.00%	3	0	0.00%	5	0	0.00%	13	0	0.00%	64	1	1.56%
PA	53	1	1.89%	18	0	0.00%	27	1	3.70%	15	0	0.00%	22	0	0.00%	44	8	18.18%	220	9	4.09%
WIG	42	1	2.38%	5	0	0.00%	8	0	0.00%	13	0	0.00%	16	1	6.25%	25	0	0.00%	137	3	2.19%
Totals	192	10	5.21%	23	0	0.00%	53	1	1.89%	51	0	0.00%	83	3	3.61%	132	12	9.09%	635	30	4.72%
			0.2270			,			2.00%			0.00%			0.0270			0.00%			=
				334220 Rad	dio and Tele	evision				334513 Ins	truments ar	nd Related									
				Broadcasti	ing and Wir	eless	334511 Se	arch, Detect	tion, Navigation,	Products N	lanufacturii	ng for Measuring,									
	333618 Oth	her Engine E	quipment		ing and Wir cations Equ				tion, Navigation, al, and Nautical	Displaying	, and Contro	ng for Measuring, olling Industrial		-	d Switchboard	335314 Re	lay and Indi	ıstrial Control			
	333618 Oth Manufactu	_	quipment		cations Equ		Guidance,	Aeronautica			, and Contro	_		itchgear and Manufactur		335314 Re Manufactu	•	ıstrial Control	335910 Bat	ttery Manufa	ecturing
		_	quipment Relative	Communic	cations Equ		Guidance,	Aeronautica	al, and Nautical	Displaying	, and Contro	_		-			•	Relative	335910 Bat	tery Manufa	ecturing Relative
		_	· ·	Communic	cations Equ	Relative Availability	Guidance,	Aeronautica	al, and Nautical It Manufacturing	Displaying	, and Contro	olling Industrial		-	ing		•		335910 Bat	All	Relative Availability of
	All Available	All Available	Relative Availability of DBE Firms (Base	All Available	cations Equ Iring All Available	Relative Availability of DBE Firms	System an All Available	Aeronautica d Instrumen All Available	al, and Nautical at Manufacturing Relative Availability of DBE Firms (Base	Process Va All Available	, and Contro iriables All Available	Relative Availability of DBE Firms (Base	Apparatus All Available	Manufactur All Available	Relative Availability of DBE Firms	All Available	All Available	Relative Availability of DBE Firms (Base	All Available	All Available	Relative Availability of DBE Firms (Base
State	Manufactu All	ring All	Relative Availability of	Communic Manufactu All	cations Equ iring All	Relative Availability	Guidance, System an	Aeronautica d Instrumen	al, and Nautical at Manufacturing Relative Availability of	Displaying Process Va	, and Contro	Relative Availability of	Apparatus All	Manufactur All	ing Relative Availability	Manufactu All	All	Relative Availability of	All	All	Relative Availability of
FL ^C	All Available	All Available	Relative Availability of DBE Firms (Base	All Available	cations Equ Iring All Available	Relative Availability of DBE Firms	System an All Available	Aeronautica d Instrumen All Available	al, and Nautical at Manufacturing Relative Availability of DBE Firms (Base	Process Va All Available	, and Contro iriables All Available	Relative Availability of DBE Firms (Base	Apparatus All Available	Manufactur All Available	Relative Availability of DBE Firms	All Available	All Available	Relative Availability of DBE Firms (Base	All Available	All Available	Relative Availability of DBE Firms (Base
FL ^C	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)	Guidance, System an All Available Firms	Aeronautica d Instrumen All Available DBE Firms	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure)	Process Va All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)	Apparatus All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)
FL ^C LA ^D MS ^E	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 0.00%	All Available Firms 50	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 2.00%	All Available Firms 48	Aeronautica d Instrumen All Available DBE Firms	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00%	Process Va All Available Firms 43	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 6.98%	Apparatus All Available Firms 18	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 22.22%	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 11.54%	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 0.00%
FL ^C	All Available Firms 11 5	All Available DBE Firms 0	Relative Availability of DBE Firms (Base Figure) 0.00%	All Available Firms 50	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33%	System an All Available Firms 48	Aeronautica d Instrumen All Available DBE Firms 0 1	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00%	Process Va All Available Firms 43	All Available DBE Firms 3 0	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00%	Apparatus All Available Firms 18	All Available DBE Firms 4 0	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00%	All Available Firms 26 8	All Available DBE Firms 3	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00%	All Available Firms 13	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 0.00% N/A
FL ^C LA ^D MS ^E OR ^F PA	All Available Firms 11 5 6	All Available DBE Firms 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00%	All Available Firms 50 3 5	All Available DBE Firms 1 2	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00%	All Available Firms 48 4 3	Aeronautica d Instrumen All Available DBE Firms 0 1	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00%	All Available Firms 43 10 4	All Available DBE Firms 3 0 0	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00%	All Available Firms 18 6 3	All Available DBE Firms 4 0	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00%	All Available Firms 26 8 4	All Available DBE Firms 3 0 0	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00%	All Available Firms 13 0	All Available DBE Firms 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A
FL ^C LA ^D MS ^E OR ^F	All Available Firms 11 5 6	All Available DBE Firms 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15	All Available DBE Firms 1 2 0	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00%	All Available Firms 48 4 3 7	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00%	All Available Firms 43 10 4 10	All Available DBE Firms 3 0 0	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00%	All Available Firms 18 6 3	All Available DBE Firms 4 0 0 2	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67%	All Available Firms 26 8 4 9	All Available DBE Firms 3 0 0 1 1	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00%	All Available Firms 13 0 3	All Available DBE Firms 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00%
FL ^C LA ^D MS ^E OR ^F PA	All Available Firms 11 5 6 7	All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15 15	All Available DBE Firms 1 2 0 3	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00%	All Available Firms 48 4 3 7	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1	Al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25%	All Available Firms 43 10 4 10 44	All Available DBE Firms 3 0 0 0 2	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55%	All Available Firms 18 6 3 24	All Available DBE Firms 4 0 2 3	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50%	All Available Firms 26 8 4 9	All Available DBE Firms 3 0 0 1 1 2	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35%	All Available Firms 13 0 0 3	All Available DBE Firms 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4	All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15 15	All Available DBE Firms 1 1 2 0 3 1	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00%	All Available Firms 48 4 3 7 16	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00%	All Available Firms 43 10 4 10 44 19	All Available DBE Firms 0 0 0 2	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00%	All Available Firms 18 6 3 24 20	All Available DBE Firms 4 0 0 2 3 0	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00%	All Available Firms 26 8 4 9 46 34 127	All Available DBE Firms 3 0 0 1 2 0 6	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72%	All Available Firms 13 0 0 3 4	All Available DBE Firms 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4 17 50	All Available DBE Firms 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15 15 6 94	All Available DBE Firms 1 2 0 3 1 8	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51%	All Available Firms 48 4 3 7 16	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00%	All Available Firms 43 10 4 10 44 19 130	All Available DBE Firms 0 0 0 2 0 5	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85%	All Available Firms 18 6 3 3 24 20 74	All Available DBE Firms 4 0 2 3 0 9	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00%	All Available Firms 26 8 4 9 46 34 127 423860 Tra	All Available DBE Firms 3 0 0 1 1 2 0 6 cmsportation	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72%	All Available Firms 13 0 0 3 4 3 23	All Available DBE Firms 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4 17 50	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15 15 94	All Available DBE Firms 1 2 0 3 1 8	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51%	All Available Firms 48 4 3 7 16 5 83	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41%	All Available Firms 43 10 4 19 130 337127 Ins	All Available DBE Firms 3 0 0 5 titutional Fu	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85%	All Available Firms 18 6 3 3 24 20 74	All Available DBE Firms 4 0 0 2 3 0 9	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16%	All Available Firms 26 8 4 9 46 34 127 423860 Tra	All Available DBE Firms 3 0 0 1 1 2 0 6 consportation except Moto	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Requipment and r Vehicle)	All Available Firms 13 0 0 3 4 3 23	All Available DBE Firms 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4 17 50	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 50 3 5 15 15 94	All Available DBE Firms 1 2 0 3 1 8	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing	All Available Firms 48 4 3 7 16 5 83	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41%	All Available Firms 43 10 4 10 44 19 130	All Available DBE Firms 3 0 0 5 titutional Fu	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85%	All Available Firms 18 6 3 3 24 20 74	All Available DBE Firms 4 0 0 2 3 0 9	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers	All Available Firms 26 8 4 9 46 34 127 423860 Tra	All Available DBE Firms 3 0 0 1 1 2 0 6 cmsportation	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Requipment and r Vehicle)	All Available Firms 13 0 0 3 4 3 23	All Available DBE Firms 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic	All Available DBE Firms 0 0 0 0 0 0 0 ttor Vehicle Equipment	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative	All Available Firms 50 3 5 15 15 94 336360 Mo Interior Tri	All Available DBE Firms 1 2 0 3 1 8	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative	All Available Firms 48 4 3 7 16 5 83	Aeronautica d Instrumen All Available DBE Firms 0 1 0 2	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41%	All Available Firms 43 10 4 10 44 19 130	All Available DBE Firms 3 0 0 5 titutional Furing	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85%	All Available Firms 18 6 3 3 24 20 74 423510 Me Other Meta	All Available DBE Firms 4 0 0 2 3 0 9	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V	All Available DBE Firms 3 0 1 2 0 6 ansportation except Moto Wholesalers	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Requipment and r Vehicle) Relative	All Available Firms 13 0 0 3 4 3 23 488330 Nat Shipping	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G	All All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability	All Available Firms 50 3 5 15 15 94 336360 Mo Interior Tri	All Available DBE Firms 1 2 0 3 1 8 Autor Vehicle m Manufac	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of	All Available Firms 48 4 3 7 16 5 83 336611 Sh	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2 ip Building a	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41%	All Available Firms 43 10 4 10 44 19 130 337127 Ins	All Available DBE Firms 3 0 0 5 titutional Furing	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Irniture Relative Availability	All Available Firms 18 6 3 3 24 20 74 423510 Me Other Meta	All Available DBE Firms 4 0 0 2 3 0 9 tal Service Call Merchant	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V	All Available DBE Firms 3 0 0 1 2 0 6 ensportation except Moto Wholesalers	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Dequipment and relative Availability of	All Available Firms 13 0 0 3 4 3 23 488330 Nav Shipping	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% 0.00% Pervices to Relative Availability
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment All Available	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufact All Available	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base	All Available 5 83 336611 Sh	Aeronautica d Instrument All Available DBE Firms 0 1 0 0 2 ip Building a All Available	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% and Repairing Relative Availability of DBE Firms (Base	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available	All Available DBE Firms 3 0 0 2 0 5 titutional Furing All Available	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Irniture Relative Availability of DBE Firms	All Available Firms 18 6 3 3 24 20 74 423510 Me Other Meta	All Available DBE Firms 4 0 0 2 3 0 9 tal Service Gal Merchant All Available	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant) All Available	All Available DBE Firms 3 0 0 1 1 2 0 6 6 consportation except Moto Wholesalers All Available	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% DEQuipment and r Vehicle) S Relative Availability of DBE Firms (Base	All Available Firms 13 0 0 3 4 3 23 488330 Nar Shipping All Available	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% 0.00% Pervices to Relative Availability of DBE Firms
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms	All Available DBE Firms 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% D.00% D.00% Relative Availability of DBE Firms (Base Figure)	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms	All Available DBE Firms 1 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure)	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2 ip Building a All Available DBE Firms	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% and Repairing Relative Availability of DBE Firms (Base Figure)	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms	All Available DBE Firms 3 0 0 2 0 5 titutional Furing All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Irniture Relative Availability of DBE Firms (Base Figure)	All Available Firms 18 6 3 3 24 20 74 423510 Me Other Meta Available Firms	All Available DBE Firms 4 0 0 2 3 0 9 tal Service Gal Merchant All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure)	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (of Merchant) All Available Firms	All Available DBE Firms 3 0 0 1 2 0 6 Insportation except Moto Wholesalers All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% DEquipment and r Vehicle) S Relative Availability of DBE Firms (Base Figure)	All Available Firms 13 0 0 3 4 3 23 488330 Nav Shipping All Available Firms	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure)
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17	All Available DBE Firms 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% D.00% D.00% Relative Availability of DBE Firms (Base Figure) 17.65%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Triu Available Firms 12	All Available DBE Firms 1 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms	Aeronautica dinstrumento dinstrumento dinstrumento dinstrumento dinstrumento di dinstrumento d	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% and Repairing Relative Availability of DBE Firms (Base Figure) 0.00%	All Available Firms 337127 Ins Manufactur All Available Firms 34	All Available DBE Firms 3 0 0 2 0 5 titutional Furing All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Irniture Relative Availability of DBE Firms (Base Figure) 0.00%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481	All Available DBE Firms 4 0 0 2 3 0 9 tal Service Gal Merchant All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (of Merchant) All Available Firms 554	All Available DBE Firms 3 0 0 1 2 0 6 Insportation except Moto Wholesalers All Available DBE Firms 10	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% DEquipment and r Vehicle) S Relative Availability of DBE Firms (Base Figure) 1.81%	All Available Firms 13 0 0 3 4 3 23 488330 Nas Shipping All Available Firms 235	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% 0.00% Relative Availability of DBE Firms (Base Figure) 0.43%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Trii All Available Firms 12 0	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2 ip Building a All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0	All Available DBE Firms All Available DBE Firms 3 0 0 5 titutional Furing All Available DBE Firms	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Irrniture Relative Availability of DBE Firms (Base Figure) 0.00% 10.00%	All Available Firms 18 6 3 3 24 20 74 423510 Me Other Meta All Available Firms 481 145	All Available DBE Firms 4 0 0 2 3 0 9 tal Service of Merchant All Available DBE Firms 19 14	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50	All Available DBE Firms 3 0 0 1 2 0 6 Insportation except Moto Wholesalers All Available DBE Firms 10 3	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Equipment and r Vehicle) S Relative Availability of DBE Firms (Base Figure) 1.81% 6.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nas Shipping All Available Firms 235 159	All Available DBE Firms 0 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals State FL ^C LA ^D MS ^E	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3 8	All Available DBE Firms 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33% 0.00%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms 12 0 8	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0 0	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A 0.00%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60 9	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2 ip Building a All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0 7	All Available DBE Firms O D D D D D D D D D D D D D D D D D D	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Inniture Relative Availability of DBE Firms (Base Figure) 0.00% 100.00%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481 145 52	All Available DBE Firms 4 0 0 2 3 0 9 tal Service (al Merchant) All Available DBE Firms 19 14 8	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66% 15.38%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50 14	All Available DBE Firms 3 0 0 1 2 0 6 ensportation except Moto Wholesalers All Available DBE Firms 10 3 0	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Equipment and r Vehicle) Relative Availability of DBE Firms (Base Figure) 1.81% 6.00% 0.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nat Shipping All Available Firms 235 159 8	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals State FL ^C LA ^D MS ^E	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3 8 11	All Available DBE Firms 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33% 0.00% 0.00%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms 12 0 8 4	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0 1	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A 0.00% 25.00%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60 9 13	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 2 ip Building a All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 25.00% 0.00% 0.00% 6.25% 0.00% 2.41% Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0 7 4	All Available DBE Firms All Available DBE Firms 3 0 0 2 0 5 titutional Furing All Available DBE Firms 0 1 0 0	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Inniture Relative Availability of DBE Firms (Base Figure) 0.00% 100.00% 0.00% 0.00% 0.00%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481 145 52 119	All Available DBE Firms 4 0 0 2 3 0 9 tal Service (al Merchant) All Available DBE Firms 19 14 8 9	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66% 15.38% 7.56%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50 14 25	All Available DBE Firms 3 0 0 1 2 0 6 ensportation except Moto Wholesalers All Available DBE Firms 10 3 0 2	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% DEQuipment and rVehicle) Relative Availability of DBE Firms (Base Figure) 1.81% 6.00% 0.00% 8.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nats Shipping All Available Firms 235 159 8 18	All Available DBE Firms 0 0 0 0 0 0 vigational Se	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00% 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals State FL ^C LA ^D MS ^E OR ^F PA	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3 8 11 21	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1 0 0 3	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33% 0.00% 0.00% 14.29%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms 12 0 8 4 6	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0 1 1 1	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A 0.00% 25.00% 16.67%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60 9 13 7	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1 2 ip Building a All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 6.25% 0.00% 2.41% Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0 7 4 21	All Available DBE Firms All Available DBE Firms 3 0 0 5 titutional Furing All Available DBE Firms 0 1 0 1	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Inniture Relative Availability of DBE Firms (Base Figure) 0.00% 100.00% 4.76%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481 145 52 119 362	All Available DBE Firms 4 0 0 2 3 0 9 tal Service (al Merchant All Available DBE Firms 19 14 8 9 49	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66% 15.38% 7.56% 13.54%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50 14 25 40	All Available DBE Firms 3 0 0 1 2 0 6 ensportation except Moto Wholesalers All Available DBE Firms 10 3 0 2 24	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Requipment and r Vehicle) Relative Availability of DBE Firms (Base Figure) 1.81% 6.00% 0.00% 8.00% 60.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nat Shipping All Available Firms 235 159 8 18 14	All Available DBE Firms 0 0 0 0 0 0 0 vigational Se All Available DBE Firms 1 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00% 0.00% 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals State FL ^C LA ^D MS ^E OR ^F PA WI ^G	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3 8 11 21 16	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1 0 0 1	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33% 0.00% 0.00% 14.29% 6.25%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms 12 0 8 4 6 8	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0 1 1 0 0	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A 0.00% 25.00% 16.67% 0.00%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60 9 13 7 10	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1 0 2 All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 6.25% 0.00% 2.41% and Repairing Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms A3 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0 7 4 21 29	All Available DBE Firms All Available DBE Firms 3 0 0 2 0 5 titutional Furing All Available DBE Firms 0 1 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Aurniture Relative Availability of DBE Firms (Base Figure) 0.00% 100.00% 4.76% 0.00%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481 145 52 119 362 125	All Available DBE Firms 4 0 0 2 3 0 9 tal Service Cal Merchant All Available DBE Firms 19 14 8 9 49 16	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66% 15.38% 7.56% 13.54% 12.80%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50 14 25 40 20	All Available DBE Firms 3 0 0 1 2 0 6 Insportation except Moto Wholesalers All Available DBE Firms 10 3 0 2 24 6	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 11.11% 4.35% 0.00% 4.72% Relative Availability of DBE Firms (Base Figure) 1.81% 6.00% 0.00% 8.00% 60.00% 30.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nat Shipping All Available Firms 235 159 8 18 14 9	All Available DBE Firms 0 0 0 0 0 0 0 vigational Se All Available DBE Firms 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Pervices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
FL ^C LA ^D MS ^E OR ^F PA WI ^G Totals State FL ^C LA ^D MS ^E OR ^F PA	All Available Firms 11 5 6 7 4 17 50 336320 Mo Electronic All Available Firms 17 3 8 11 21	All Available DBE Firms 0 0 0 0 0 0 0 tor Vehicle Equipment All Available DBE Firms 3 1 0 0 3	Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% Electrical and Manufacturing Relative Availability of DBE Firms (Base Figure) 17.65% 33.33% 0.00% 0.00% 14.29%	All Available Firms 50 3 5 15 15 6 94 336360 Mo Interior Tri All Available Firms 12 0 8 4 6	All Available DBE Firms 1 2 0 3 1 8 stor Vehicle m Manufac All Available DBE Firms 0 0 1 1 1	Relative Availability of DBE Firms (Base Figure) 2.00% 33.33% 40.00% 0.00% 20.00% 16.67% 8.51% Seating and turing Relative Availability of DBE Firms (Base Figure) 0.00% N/A 0.00% 25.00% 16.67%	All Available Firms 48 4 3 7 16 5 83 336611 Sh All Available Firms 64 60 9 13 7	Aeronautica d Instrumen All Available DBE Firms 0 1 0 0 1 2 ip Building a All Available DBE Firms 0 0 0 0 0 0 0 0 0 0 0	al, and Nautical It Manufacturing Relative Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 6.25% 0.00% 2.41% Availability of DBE Firms (Base Figure) 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	All Available Firms 43 10 4 10 44 19 130 337127 Ins Manufactu All Available Firms 34 0 7 4 21	All Available DBE Firms All Available DBE Firms 3 0 0 5 titutional Furing All Available DBE Firms 0 1 0 1	Relative Availability of DBE Firms (Base Figure) 6.98% 0.00% 0.00% 4.55% 0.00% 3.85% Inniture Relative Availability of DBE Firms (Base Figure) 0.00% 100.00% 4.76%	All Available Firms 18 6 3 24 20 74 423510 Me Other Meta All Available Firms 481 145 52 119 362	All Available DBE Firms 4 0 0 2 3 0 9 tal Service (al Merchant All Available DBE Firms 19 14 8 9 49	Relative Availability of DBE Firms (Base Figure) 22.22% 0.00% 0.00% 66.67% 12.50% 0.00% 12.16% Centers and Wholesalers Relative Availability of DBE Firms (Base Figure) 3.95% 9.66% 15.38% 7.56% 13.54%	All Available Firms 26 8 4 9 46 34 127 423860 Tra Supplies (Merchant V All Available Firms 554 50 14 25 40	All Available DBE Firms 3 0 0 1 2 0 6 ensportation except Moto Wholesalers All Available DBE Firms 10 3 0 2 24	Relative Availability of DBE Firms (Base Figure) 11.54% 0.00% 0.00% 11.11% 4.35% 0.00% 4.72% Requipment and r Vehicle) Relative Availability of DBE Firms (Base Figure) 1.81% 6.00% 0.00% 8.00% 60.00%	All Available Firms 13 0 0 3 4 3 23 488330 Nat Shipping All Available Firms 235 159 8 18 14	All Available DBE Firms 0 0 0 0 0 0 0 vigational Se All Available DBE Firms 1 0 0 0 0	Relative Availability of DBE Firms (Base Figure) 0.00% N/A N/A 0.00% 0.00% 0.00% Prvices to Relative Availability of DBE Firms (Base Figure) 0.43% 0.00% 0.00% 0.00% 0.00% 0.00%

238310 Drywall and Insulation

238320 Painting and Wall Covering

Appendix A Step One base figures A,B

532411 Commercial Air, Rail, and Water Transportation Equipment

532490 Other Commercial and Industrial Machinery and Equipment

	Kental and	Leasing	
			Relative
	All	All	Availability of
	Available	Available	DBE Firms (Base
State	Firms	DBE Firms	Figure)
FL ^C	89	3	3.37%
LA ^D	27	2	7.41%
MS ^E	3	0	0.00%
OR ^F	8	0	0.00%
PA	13	1	7.69%
WI ^G	6	0	0.00%

4.11%

_	Rental and	Leasing		541330 En	gineering Se	rvices		561320 Temporary Help Services			
			Relative			Relative				Relative	
	All	All	Availability of	All	All	Availability	П	All	All	Availability of	
	Available	Available	DBE Firms (Base	Available	Available	of DBE Firms	П	Available	Available	DBE Firms (Base	
	Firms	DBE Firms	Figure)	Firms	DBE Firms	(Base Figure)		Firms	DBE Firms	Figure)	
	698	5	0.72%	5112	483	9.45%		2189	66	3.02%	
	273	2	0.73%	1098	94	8.56%		463	37	7.99%	
	53	2	3.77%	324	55	16.98%		274	20	7.30%	
	96	2	2.08%	815	73	8.96%		544	24	4.41%	
	269	12	4.46%	2255	386	17.12%		1497	87	5.81%	
	111	4	3.60%	872	100	11.47%		1109	17	1.53%	
	1500	27	1.80%	10476	1191	11.37%		6076	251	4.13%	

TOTALS

Totals 146

			Relative
	All	All	Availability of
	Available	Available	DBE Firms (Base
State	Firms	DBE Firms	Figure)
FL	37863	1211	3.20%
LA	5956	516	8.66%
MS	2415	212	8.78%
OR	6673	233	3.49%
PA	15366	1153	7.50%
WI	8347	300	3.59%
Totals	76620	3625	4.73%

Median 5.55%

Table Notes:

- A. State DBE data are tallied here by company name. US Census CBP data are tallied (anonymously) per company establishment (e.g., office location), as provided by US CBP database. It is assumed that the DBE companies are included in the US Census CBP data.
- B. Data were filtered to remove duplicate records present in the source data in an attempt to minimize double-counting.
- C. Florida DBE tally includes companies with "DBE" and "MBE/DBE" (Minority-owned Business Enterprise/DBE) designations. Entries with "DBE/ACDBE" (Airport Concessionaire DBE) and "DBE/ACDBE/MBE" designations were excluded as being irrelevant to this project.
- D. All Louisiana DBE dataset entries are further subcategorized as "MBE", "MWBE" (Minority Woman-owned Business Enterprise), i.e., each entry includes one of these designations. ACDBEs are not identified explicitly in the data.
- E. Mississippi UCP data are provided including only the "DBE" designation; no other designations are provided.
- F. Oregon DBE tally includes only companies with the "DBE" designation. Database entries with "ACDBE", "DBE (FAA Only)", "ESB" (Emerging Small Business), "MBE", "VBE" (Veteran Business Enterprise), and "WBE" certification types were excluded from the tally.
- $G. \qquad \text{The Pennsylvania DBE tally includes only companies with "DBE" designations; database entries with "ACDBE" and "DBE*" designation were excluded.}$
- H. The Wisconsin DBE tally includes only companies with "DBE" designations; database entries with "ACDBE/DBE" designation were excluded from the tally.

Shaded data indicate a discrepancy between the CBP (All Available Firms) and the state DBE data. These values were manually adjusted to 100%.

Appendix B Data Source Files (.zip file, provided separately)

Appendix		ne Specialization Screening				T
	NAICS				"Marine"	
State	Code	Business Name	Business Description	Website	DBE?	Notes
FL	238310	Atlantic Meridian Contracting Corp.	Bridge demolition/debris removal/site work/marine construction.	WWW.AMC-CORP.US	No	Website states they are demolition contractors, not relevant to Code 238310. Sent email query November 15 (response pending).
FL	238210	Wire Runner, LLC DBA Wire Runner	Electrical, electrical wiring, and low voltage electrical work, electrical contractors and other wiring installation contractors, satellite dish, household type, installation, cable laying (e.g., fiber optic, electricity, marine, telephone, cable).	HTTP://WIRERUNNER.US	Yes	Called Wire Runner on October 23, he verified he has experience running cable in yachts.
FL	488330	Sea Divers Corp	Commercial diving services.	https://www.seadiverscorp.com/	Yes	
FL	532411	Delta Marine Support LLC	Marine equipment rental/sell-tugboats, barges, marsh buggles, airboats, crewboarts, fusion machines, marine/dredge components & supplies (sell) fuel, hoses, pipe, ball joints, cutterheads, anchors, buoys, life vests, etc.	http://www.deltamarinesupport247.com/	Yes	Website company description: DMS supports the dredging and marine industries by identifying and providing well suited equipment that meets the specifications of the project.
FL	532411	Fayzamerica LLC (Fayza LLC)	Crane rental /plastic/appliances.	http://www.fayzamerica.com/index.html	Yes	Website shows marine work.
FL	532411	W Leigh & Associates, Inc.	Marine equipment lease and rentals.	http://www.wleigh.com/	Yes	
FL	541330	Dredgeing & Marine	Planning engineering environmetal permitting construction insp.	HTTP://WWW.DMCES.COM	No	
FL	541330	Severns Civil LLC (PART	Severns Civil, LLC is a Florida-based, women-owned small business focusing on transportation and marine infrastructure		No	
LA	237990	TIME) Quality First Marine	asset management research and technical writing. Includes quality reviews of infrastructure inspection reports. Not provided.	https://qualityfirstmarine.com/	Yes	Website lists marine transportation, marine construction, dredging, marine logistics, vessel repairs and maintenance among their services.
LA	237990	Rivertown Marine LLC	Not provided.	no website	No	Left voicemail October 23, no response.
LA	532411	Delta Marine Support LLC	Not provided.	http://www.deltamarinesupport247.com/	Yes	Website states, "DMS supports the dredging and marine industries by identifying and providing well suited equipment that meets the specifications of the project."
LA	532411	W. Leigh & Associates, Inc.	Not provided.	(see above)	Yes	
MS	237990	CMTS, LLC DBA CMTS Construction	A175-Marine Structure	https://cmtsllc.com/category/transportation/	No	Website shows primarily airport and upland projects.
OR	237990	Associated Underwater Services, Inc.	Provide underwater construction, maintenance and inspection contract services and topside support for marine construction, diving, underwater construction, ROV, inspections, multibeam and sonar / marine construction.	http://www.ausdiving.com	Yes	
OR	237990	Kelly McNutt Consulting, LLC	Heavy Civil, Transit, and Marine Construction Cost Estimating; Heavy Civil, Transit, and Marine Constructability Reviews; Heavy Civil, Transit, and Marine Risk Analysis; Contract Administration; Construction Management; Design Management.		No	Company offers project management services, not applicable to this project.

Appendix C: DBE Marine Specialization Screening

Appendix	C: DBE Marii	ne Specialization Screening				
	NAICS				"Marine"	
State	_	Business Name	Business Description	Website	DBE?	Notes
OR	238210	US West Corporation	Commercial and Industrial Electrical contracting services, Commercial General Contractor Level 2, Installation, maintenance, testing of battery systems, low and medium voltage switchgear and substations, troubleshoot heavy industrial electrical systems. Solar panel installation, conduit and control boxes, cable splicing, fiber optic and copper cabling. Installation and maintenance of water filtration plants and wastewater treatment, install emergency generators, inspect stator windings, remove, inspect and repair rotors, DCS supervisory circuits, excitation equipment and connections, install metering, grounding, protective relays and synchronizing relays, electrical upgrades, service low, medium and high voltage systems, switchboards, panel boards and motors, remove and install cable trays, wiring and conduit, meters and other instrumentation and monitoring systems, hydrogen gas detector, maintain, test and replace, lead acid dry cell batteries, Install and maintain Pump Stations.	http://www.uswestcorp.com	No	Not marine specialist; keyword "marine" is included only in the description of NAICS code 237130 - "Cable laying (e.g., fiber optic, electricity, marine, telephone, cable television), including underground."
OR	238320	The Rodriguez Corporation	Commercial and industrial construction management; concrete finishing and resurfacing; painting, spraying, or coating roofs; roof membrane installation; utility painting and protective coatings; bridge painting; engineering structure (e.g. oil storage tank, water tower) painting; rust proofing; ship painting and repair; application of special coatings (waterproof and heat reflective) for decks, balconies, buildings; coating concrete structures with plastics, glaze or sealant; damp-proofing, waterproofing, weatherproofing foundations (including installing rigid foam insulation); residential and commercial interior and exterior (rough) carpentry; building exterior sandblasting and tank lining services.	http://www.therodcorp.com	No	Website link doesn't work. A phone call to them went unanswered.
OR	541330	Exeltech Consulting Inc.	Construction management; general, civil, and structural engineering services; CAD and micro-station, project management for bridges, buildings, rail, roadway; biology environmental / EEA / LCDA / EIS / NEPA / SEPA permitting, analysis and research; environmental consulting services; marine construction engineering; NEPA consulting, SEPA civil engineering design, construction inspection and documentation.	http://www.xltech.com	No	This company supports marine work, but their experience has nothing to do with floating vessels and could not support this project in any way.
PA	237990	JOCO Holdings LLC.	Surface Coal Mining; Underground Coal Mining; Support Activities for Coal Mining; Construction management, industrial building (except warehouses); Mine loading and discharging station construction; Construction management, commercial and institutional building; Construction management, water and sewage treatment plant;	Not provided.	No	Includes 237990 - Construction management, marine structure, but focus appears to be primarily on coal mining.
PA	237990	Northstar Contracting	Water supply and irrigation systems; water and sewer line and related structures construction; land subdivision; highway, street and bridge construction - pavement construction; other heavy and civil engineering construction - caissons/drilled shafts, drainage, microtunneling, tunneling.	http://www.ohionorthstar.com	No	"Marine" keyword comes from 237990 - Caisson (i.e., marine or pneumatic structures) construction; Sent query Nov. 15 to confirm (response pending).
PA		Electrical Energy Technology Maintenance	Commercial and marine electrical contracting services, energy services, technical and electrical maintenance and repair; security system installation, electrical equipment broker.	cmoore@eetmpower.com	No	Includes 238210 - Railroad signaling equipment installation; website link does not work. Sent email 15 November, returned as nondeliverable.
PA	238210	Paniagua Enterprise Incorporated	Water and Sewer Line and Related Structures Construction; Power and Communication Line and Related Structures Construction (Cable Laying-Underground Wiring For Cable Television, Electricity, Marine Or Telephone Services, Power Line Construction Services); Poured Concrete Foundation and Structure Contractors (Concrete Finishing); Electrical Contractors and Other Wiring Installation Contractors (Communication Equipment Installation And Fiber Optic Cable Installation Services, Low Voltage Only); Site Preparation Contractors	http://www.paniaguas.net	No	Nothing apparently marine-related on their website "Portfolio" page, keyword search terms, give no results. Sent email Nov. 15 to confirm (response pending).
PA	238320	SYMMETRIC, LLC	Bridge decking construction; bridge painting, rustproofing except automotive, ship painting contractors; lead paint abatement services and lead paint removal contractors.	http://www.symmetricllc.com	Yes	Email sent Nov. 15 to confirm.

Appendix C: DBE Marine Specialization Screening

	NAICS				"Marine"	
ate	Code	Business Name	Business Description	Website	DBE?	Notes
	541330	VN Engineers, Inc.	VN Engineers, Inc. is a multi-disciplined civil engineering consulting firm that specializes in infrastructure, transportation, traffic, highway, planning, construction inspection, community outreach, roadway design and rail design. Our NAICS code is 541330.	http://www.vnengineers.com	No	Includes "541330 - Maritime technology engineering services", but their website projects are upland-based. They are also on the FLA DBE list but not with maritime focus in their code description. (Not ID'd as "marine" for Florida).
	541330	Walls Engineering, PLLC	Walls Engineering PLLC is a consulting engineering firm dedicated to providing professional design and construction inspection services.	http://www.we-engineering.com	No	Includes "541330 - Maritime technology engineering services", but their website "Scope of Engineering Services" list appears airport-oriented. Query sent Nov. 15 (response pending).
	237990, 541330	Bryant Associates, Inc.	Construction management; consulting civil engineers specializing in transportation, civil, site structural, traffic and marine engineering; surveying and mapping, marine surveying.	http://www.bryant-engrs.com	No	This company supports marine work, but their experience has nothing to do with floating vessels and could not support this project in any way.
	237990, 541330	CMTS, LLC	NAICS Code 236116- Multifamily Building Construction General Contractors; NAICS Code 236210- Construction Management, Industrial Building (except warehouses); NAICS Code 236220- Construction Management, Commercial and Institutional Building; NAICS Code 237110- Water Treatment Plant Construction; NAICS Code 237310- Highway, Street, and Bridge Construction; NAICS Code 237990- Construction management, dam; NAICS Code 237990- Construction Management, Marine Structure; NAICS Code 237990- Construction Management, Mass Transit; NAICS Code 237990- Outdoor recreation facility construction; NAICS Code 237990- Tunnel construction; NAICS Code 541330-Engineering Services; NAICS Code 541611- Administrative Management and General Management Consulting Services; NAICS Code 541611- Business management consulting services; NAICS Code 541618- Other Management Consulting Services; NAICS Code 541990- Pipeline inspection (i.e., visual) services; NAICS Code 561320- Personnel (e.g., industrial, office, health care, legal, construction) suppliers.	http://www.cmtsllc.com	No	Includes 237990 - Construction management, marine structure, but website shows primarily airport and upland experience not applicable to this project.
	237990, 541330	Marine Solutions, Inc.	Marine Engineering, Marine Construction, Commercial Diving and Underwater Bridge Inspection	http://www.msimarinesolutions.com	Yes	
	237990, 541330	SC Engineers, PC	237990 - Construction management, marine structure; 237990 - Other Heavy and Civil Engineering Construction; 541330 - Engineering services; 541350 - Building inspection services; 541360 - Geophysical Surveying and Mapping Services	http://www.scengineerspc.com	No	No. This company is focused on bridges and other land-based strctures. No services they provide are applicable to this project.
		TRUE INSPECTION SERVICES LLC	Building inspection services; other management consulting services; all other support services; construction management; engineering services.	https://tisllc.com/	No	Includes "NAICS Code 237990 - Construction management, marine structure"; query sent November 15 to confirm (response pending).

Note: DBEs identified for nine NAICS codes using keyword terms "marine", "maritime", "ship", and "vessel".

	237990 Oth	ner Heavy ar	nd Civil Engineerin	g Construct	ion		
						Adjusted	
		All	Relative	All	Available	Relative	
	All	Available	Availability of	Available	Marine	Availability of	
	Available	DBE	DBE Firms	Marine	DBE	Marine DBE	
State	Firms ^A	Firms ^{A,B}	(Base Figure)	Firms ^C	Firms ^C	Firms	
FL ^D	505	115	22.77%	464	0	0.00%	
LA ^E	124	44	35.48%	44	1	2.27%	
MS ^F	53	27	50.94%	20	0	0.00%	
OR ^G	66	20	30.30%	15	1	6.67%	
PA ^H	92	115	100.00%	7	1	14.29%	
WI ^I	91	17	18.68%	12	0	0.00%	
Totals	931	338	36.31%	562	3	0.53%	

238210 Electrical Contractors and Other Wiring Installation Contractors

All Available Firms ^A	All Available DBE Firms ^{A,B}	Relative Availability of DBE Firms (Base Figure)	All Available Marine Firms ^C	Available Marine DBE Firms ^C	Adjusted Relative Availability of Marine DBE Firms
6292	148	2.35%	48	1	2.08%
1022	55	5.38%	4	0	0.00%
471	39	8.28%	2	0	0.00%
996	16	1.61%	1	0	0.00%
2742	108	3.94%	1	0	0.00%
1439	28	1.95%	0	0	N/A
12962	394	3.04%	56	1	1.79%

238220 Plumbing, Heating, and Air-Conditioning Contractors

						Adjusted
		All	Relative	All	Available	Relative
	All	Available	Availability of	Available	Marine	Availability of
	Available	DBE	DBE Firms (Base	Marine	DBE	Marine DBE
State	Firms ^A	Firms ^{A,B}	Figure)	Firms ^C	Firms ^C	Firms
FL ^D	9071	75	0.83%	64	0	0.00%
LA ^E	1576	23	1.46%	5	0	0.00%
MS ^F	703	19	2.70%	0	0	N/A
OR ^G	1324	5	0.38%	0	0	N/A
PA ^H	4136	59	1.43%	4	0	0.00%
WI ^I	1954	19	0.97%	1	0	0.00%
Totals	18764	200	1.07%	74	0	0.00%

238310 Dry	238310 Drywall and Insulation Contractors								
All Available Firms ^A	All Available DBE Firms ^{A,B}	Relative Availability of DBE Firms (Base Figure)	All Available Marine Firms ^C	Available Marine DBE Firms ^C	Adjusted Relative Availability of Marine DBE Firms				
1791	64	3.57%	4	0	0.00%				
189	72	38.10%	2	0	0.00%				
78	9	11.54%	0	0	N/A				
373	14	3.75%	1	0	0.00%				
521	70	13.44%	0	0	N/A				
450	30	6.67%	0	0	N/A				
3402	259	7.61%	7	0	0.00%				

229220 Painting and Wall Covering Contractors

	238320 Painting and Wall Covering Contractors					
						Adjusted
		All	Relative	All	Available	Relative
	All	Available	Availability of	Available	Marine	Availability of
	Available	DBE	DBE Firms (Base	Marine	DBE	Marine DBE
State	Firms ^A	Firms ^{A,B}	Figure)	Firms ^C	Firms ^C	Firms
FL ^D	4319	127	2.94%	13	0	0.00%
LA ^E	247	81	32.79%	0	0	N/A
MS ^F	107	20	18.69%	1	0	0.00%
OR ^G	1060	31	2.92%	2	0	0.00%
PA ^H	1169	101	8.64%	1	1	100.00%
WI	733	25	3.41%	0	0	N/A
Totals	7635	385	5.04%	17	1	5.88%

238330 Flooring Contractors

All Available	All Available DBE Firms ^{A,B}	Relative Availability of DBE Firms (Base	All Available Marine Firms ^C	Available Marine DBE Firms ^C	Adjusted Relative Availability of Marine DBE
Firms ^A		Figure)	FIRMS	FIRMS	Firms
1879	42	2.24%	3	0	0.00%
133	50	37.59%	0	0	N/A
64	3	4.69%	0	0	N/A
510	9	1.76%	0	0	N/A
561	40	7.13%	0	0	N/A
398	11	2.76%	0	0	N/A
3545	155	4.37%	3	0	0.00%

488330 Navigational Services to Shinnin

	488330 Na	vigational Se	ervices to Shipping	g		
						Adjusted
		All	Relative	All	Available	Relative
	All	Available	Availability	Available	Marine	Availability of
	Available	DBE	of DBE Firms	Marine	DBE	Marine DBE
State	Firms ^A	Firms ^{A,B}	(Base Figure)	Firms ^C	Firms ^C	Firms
FL ^D	235	1	0.43%	240	1	0.42%
LA ^E	159	0	0.00%	94	0	0.00%
MS ^F	8	0	0.00%	5	0	0.00%
OR ^G	18	0	0.00%	10	0	0.00%
PA ^H	14	0	0.00%	10	0	0.00%
WI ^I	9	0	0.00%	2	0	0.00%
Totals	443	1	0.23%	361	1	0.28%

532411 Commercial Air, Rail, and Water Transportation Equipment Rental and

					Adjusted
	All	Relative	All	Available	Relative
All	Available	Availability of	Available	Marine	Availability of
Available	DBE	DBE Firms (Base	Marine	DBE	Marine DBE
Firms ^A	Firms ^{A,B}	Figure)	Firms ^C	Firms ^C	Firms
89	3	3.37%	12	3	25.00%
27	2	7.41%	24	2	8.33%
3	0	0.00%	1	0	0.00%
8	0	0.00%	2	0	0.00%
13	1	7.69%	1	0	0.00%
6	0	0.00%	0	0	N/A
146	6	4.11%	40	5	12.50%

541330 Engineering Services

						Adjusted
		All	Relative	All	Available	Relative
	All	Available	Availability of	Available	Marine	Availability of
	Available	DBE	DBE Firms (Base	Marine	DBE	Marine DBE
State	Firms ^A	Firms ^{A,B}	Figure)	Firms ^C	Firms ^C	Firms
FL ^D	5112	483	9.45%	122	0	0.00%
LA ^E	1098	94	8.56%	18	0	0.00%
MS ^F	324	55	16.98%	6	0	0.00%
OR ^G	815	73	8.96%	8	0	0.00%
PA ^H	2255	386	17.12%	9	1	11.11%
WI	872	100	11.47%	4	0	0.00%
Totals	10476	1191	11.37%	167	1	0.60%

Table Notes:

- State DBE data are tallied here by company name. US Census CBP data are tallied (anonymously) per company establishment (e.g., office location), as provided by US CBP database. It is assumed that the A. DBE companies are included in the US Census CBP data.
- В. Data were filtered to remove duplicate records present in the source data to minimize double-counting.
- $Marine\ specialist\ firms\ were\ identified\ primarily\ by\ searching\ for\ keywords\ "marine",\ "maritime",\ "ship",\ or\ "vessel"\ in\ company\ information\ provided\ in\ the\ source\ data\ (see\ text\ in\ the\ Requirement\ 5\ section\ provided\ in\ the\ p$ C. of the accompanying memo).
- D. Florida DBE tally includes companies with "DBE" and "MBE/DBE" (Minority-owned Business Enterprise/DBE) designations. Entries with "DBE/ACDBE" (Airport Concessionaire DBE) and "DBE/ACDBE/MBE" designations were excluded as being irrelevant to this project.
- E. All Louisiana DBE dataset entries are further subcategorized as "MBE", "MWBE" (Minority Woman-owned Business Enterprise), "NONM" (Non-Minority), "WBE" (Woman-owned Business Enterprise), or "WWBE," (White Woman-owned Business Enterprise), i.e., each entry includes one of these designations . ACDBEs are not identified explicitly in the data.
- Mississippi UCP data are provided including only the "DBE" designation, ; no other designations are provided.
- Oregon DBE tally includes only companies with the "DBE" designation. Database entries with "ACDBE", "DBE (FAA Only)", "ESB" (Emerging Small Business), "MBE", "VBE" (Veteran Business Enterprise), and "WBE" certification types were excluded from the tally .
- The Pennsylvania DBE tally includes only companies with "DBE" designations; database entries with "ACDBE" and "DBE"" designation were excluded.

 The Wisconsin DBE tally includes only companies with "DBE" designations; database entries with "ACDBE" designation were excluded from the tally.

Appendix E Proof of Publication

Alaska Department of Transportation and Public Facilities

CIVIL RIGHTS OFFICE

You are here: <u>DOT&PF</u> > <u>Civil Rights Office</u>

Civil Rights Office



The Civil Rights Office is committed to ensuring equal opportunity for all businesses and personnel on Alaska Department of Transportation & Public Facilities (Alaska DOT&PF) projects. We provide guidance, support, and oversight to ensure compliance with civil rights laws and regulations.

It is the policy of the Alaska DOT&PF that no one shall be subject to discrimination on the basis of race, color, national origin, sex, age, or disability, regardless of the funding source, including Federal Transit Administration (FTA), Federal Aviation Administration (FAA), Federal Highway Administration (FHWA), Federal Motor Carrier Safety Association (FMCSA), and State of Alaska funds.

Our office actively manages programs designed to increase participation of Disadvantaged Business Enterprises (DBE) and Airport Concession DBEs (ACDBE) and ensure compliance with Title VI, Equal Employment Opportunity (EEO), and the Americans with Disabilities Act (ADA). We work collaboratively with stakeholders, contractors, and community organizations to create a fair and accessible environment for everyone involved in Alaska's transportation infrastructure.

Our Mission is to "Keep Alaska Moving through service and infrastructure."

Our Vision is to ensure transportation services are provided in a non-discriminatory manner, where all communities and individuals have equal access to opportunities in Alaska's transportation system.

Alaska DOT&PF has established the following overall DBE goals:

Federal Agency	Title	Years	Goal
FAA	DBE Goal Methodology 🔀	2023-2025	10.56%
FHWA	DBE Goal Methodology 🔀	2024-2026	9.39%
FTA	DBE Goal Methodology 🔀	2025-2027	1.00%

FTA Tustumena Replacement Vessel (TRV) Goal:

	Federal Agency	Title		Years	Goal	
--	----------------	-------	--	-------	------	--

https://dot.alaska.gov/cvlrts/

FTA

TRV DBE Goal: Construction F

TRV DBE Goal: Siemens Energy. Siemens Energy: 3.26%

TRV Public Consultation Meeting 5/27/25:

TRV Public Siemens Energy: 3.26%

Highlights

Title VI: 2025 Title VI Nondiscrimination Program Plan 1.8MB

https://dot.alaska.gov/cvlrts/

View Email In Browser »



MARINE DAILY

POWERED BY MARINELOG



What's in "The One Big Beautiful Bill" for offshore?

The House Ways and Means Committee's proposed markup of the of the 2025 tax reconciliation bill is not getting unanimous rave reviews.

Full Article



Vertom newbuilds will feature MacGregor fully electric cargo cranes

Four 10,700 dwt geared multipurpose tweendeckers on order at Chowgule Shipyards in India will each be equipped with two MacGregor fully electric cargo cranes.

Full Article

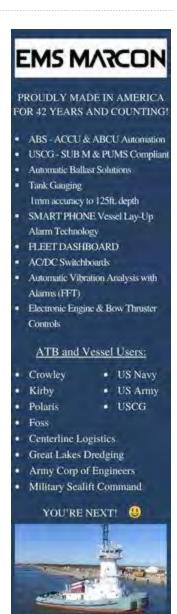


Podcast: Green technology and sustainable vessel designs

In this episode of Marine Log's Listen Up! Podcast, sponsored by Chevron, we dive into the redefining role of green technology in the maritime industry.

Full Article





MORE HEADLINES

Current

lssue: Marine Log's Digital Edition

NTSB reports on expensive Great Lakes bulker strike on navigational aid

A steering system failure led to a contact that caused \$1.25 million in damage to a navigational aid. Damage to the vessel was approximately \$800,750. **Full Article**



Höegh Evi converting Hoegh Gandria to FSRU for EGAS

An LNG carrier is set to take on a new role in Egypt as a high-capacity FSRU. **Full Article**



Damen and Alfa Laval aim to make sustainability upgrades a natural part of drydockings

"Together, we can help owners take real steps towards IMO and EU sustainability targets," says Damen's Michele Rivella.

Full Article



Paints & Coatings:

The Marine industry is moving towards eco-friendly solutions

U.S. Shipbuilding Ice Pact: New

opportunities for shipbuilders

Nordic Resurgence:

Yards prepare for changing demands

Inside Washington:

MARAD to play key role in implementing Trump maritime EO

Newsmakers:

Wiernicki to step down from ABS top Spot at end of 2025

INDUSTRY EVENTS

Ship Repair USA June 10 & 11 New Orleans, LA

Marine Log Website | Subscribe to Magazine | Subscribe to Newsletters | Buyers Guide

Simmons-Boardman Publishing 1809 Capitol Avenue Omaha, NE 68102 United States

If you would like to manage your email preferences, please update your preferences here.

If you wish to unsubscribe from this list, you may unsubscribe here.

Susan FitzGerald

From: Megan J. Ponce

Sent: Monday, May 19, 2025 9:22 PM

To: Susan FitzGerald

Subject: FW: Wind and Biofuel Power Odfjell's First Near Carbon-Neutral Transatlantic Voyage

MEGAN J. PONCE

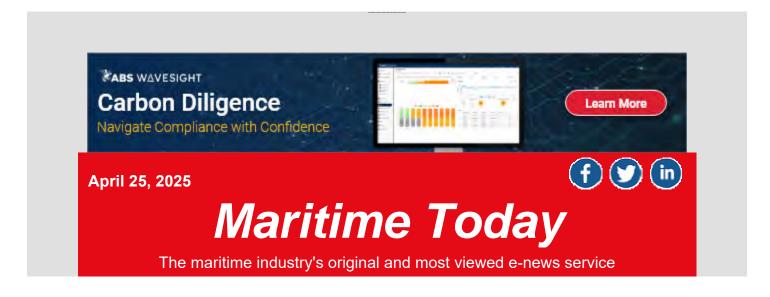
MARKETING & PROPOSALS MANAGER
T +1 206.624.7850 | D +1 206.812.2141 | M +1 425.418.3735
GLOSTEN.COM

From: Maritime Today <update@maritimetoday.com>

Sent: Friday, April 25, 2025 11:55 AM

To: Megan J. Ponce <mjponce@glosten.com>

Subject: Wind and Biofuel Power Odfjell's First Near Carbon-Neutral Transatlantic Voyage





Wind and Biofuel Power Odfjell's First Near Carbon-Neutral Transatlantic Voyage

Odfjell's chemical tanker Bow Olympus is currently crossing the Atlantic powered by a combination of wind-assisted propulsion and a certified sustainable 100% biofuel, marking the company's first near carbon-neutral transatlantic voyage. Real-time data from the voyage confirms that the dual propulsion approach is both technically feasible and impactful







MSC Sets a New Standard for Time Off in 2025, Plus Earn a \$38,340 Bonus as an Able Seaman!

Are you an experienced mariner looking for a career with stability, purpose, and exceptional benefits? Military Sealift Command (MSC) is now offering a \$38

Sponsored

Featured Podcast



Digitalization in Maritime: A Series of Small Steps Equal One Giant Leap



The maritime and energy industries are at a crossroads. Driven by regulation to decarbonize, the industries cumulatively search for new and emerging technologies to meet increasingly strict emission



Trump Order Fast Tracks Subsea Mining

President Donald Trump signed an executive order aimed at boosting the deep-sea mining industry, marking his latest attempt to boost U.S.



Navigate Compliance with Confidence: Discover Carbon Diligence from ABS Wavesight

As the maritime industry faces increasing pressure to meet stringent environmental regulations and achieve sustainability goals, ABS Wavesight Carbon Diligence

Sponsored





Xenos Marine Takes Aim at the Gulf Salvage, Decommissioning Markets

While Xenos Marine is a relatively new name in the Gulf of America salvage and decommissioning market, it's a new name with some familiar faces.



ScottishPower's Monopile Installation Sets Foundation for Record-Breaking Offshore Windfarm

The offshore construction program for ScottishPower's biggest-ever renewables project is officially underway with the installation of the first foundation for the green energy company's USD\$5.









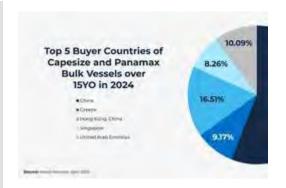
Al to the Rescue: Zelim's ZOE to be Installed on Cruise Ship

In business time is money, in Man Overboard rescue, time spent overboard in the water is a matter of life and death. A new name in MOB rescue is Zelim



Outdraft Current Contributed to Ohio River Tow Strike

A barge tow struck a vane dike on the Ohio River last year because the pilot did not effectively compensate for the outdraft current while navigating out of the McAlpine Locks in Louisville, Kentucky



Veson Nautical: Three Impacts of the IMO's New Fuel Intensity Target on S&P Activity

The International Maritime Organization (IMO) recently hosted the 83rd meeting with the Marine Environmental Protection Committee (MEPC 83), resulting in a new fuel intensity target



US Plans Alaska LNG Summit, Hoping Japan and South Korea Will Support the Project

U.S. President Donald Trump's energy security council plans to host a summit in Alaska in early June, when it hopes Japan and South Korea will announce commitments to the Alaska LNG project

Maritime Reporter and Engineering Mega Mac Dredging News (April 2025)



pdf • online

Mega Machines: The 'Bionic Man' of Dredging

Fred Paup, Chairman of the Board, EVP, Manson Construction discusses the new \$200m, 15,000 cu. yd. hopper dredge in Brownsville, Texas – the Frederick Paup. By Greg Trauthwein

LDA Plows Ahead on Fleet Renewal

Gaël Cailleaux, Louis Dreyfus Armateurs (LDA), discusses the order for new SOVs that will lean on lessons-learned from operating first-gen Hybrid-Electric SOVs. By Greg Trauthwein

FPSO Market: Demand Steady, Prices Soar

Matt Tremblay, VP, Global Offshore at ABS, shares drivers for the market in 2025 and beyond, from new designs to digitalization's evolving role in maintenance. By Greg Trauthwein

Alternative Energy: Search for the Holy Grail

As the maritime sector starts to pivot from the propulsion package that has prevailed for more than a century, a look at the potential impact diversification of energy systems could have on shipyard profitability. By Robert Kunkel

Where Offshore Wind Grows

The East Asia and Pacific (EAP) region is rapidly emerging as a global leader in offshore wind energy. By Alisa Reiner

Dynamic [Positioning] Efficiency

There's no one-size-fits-all in dynamic positioning systems, but each is crafted with efficiency in mind. By Wendy Laursen



Vehicle Carriers Seek Relief from USTR Port Fees

Operators of hulking car carriers are seeking relief from the U.S. Trade Representative's surprise plan to levy port fees on all foreign-built ships in that segment



Wartsila CEO: Tariffs to Affect Battery Storage Business, Avoiding Marine Division

Finland's Wartsila said U.S. tariffs were impacting its battery storage business while rising trade tensions could push back clients' investment decisions

Featured Jobs

Prototype Vessel Captain

Critical Environment Building Engineer

• Location: Charlotte, NC, United States

Head Captain / Dock Manager – Marine Tourism Company

• Location: Providenciales, Turks And Caicos

Ship Spares Operations Coordinator

• Location: Houston, TX, United States

Program Manager, Commercial Operations

• Location: Norfolk, Virginia, United States

Service Coordinator - Marine (NAVCOM)

· Location: Mumbai, Maharashtra, India

Post your Resume

Post your Job

Learn more about advertising on the international maritime industy's original E-News Service

Learn More

Learn More







This is an email sent to mjponce@glosten.com by World News International,
to receive no further e-mails manage your subscription,
or mail us a written request to the attention of: World News International Contact Manager,
118 East 25th Street, 2 Floor, New York, NY 10010 USA
Please allow up to seven days for the complete removal process to take place.
NOTE: If you have multiple accounts with us, you must opt out of all of them so the mailings will be fully discontinued.

Manage Subscription | Privacy Policy | Terms and Conditions

Susan FitzGerald

From: Megan J. Ponce

Sent: Monday, May 19, 2025 9:21 PM

To: Susan FitzGerald

Subject: FW: Fleet renewal programs keep steady stream of tug orders, deliveries

MEGAN J. PONCE

MARKETING & PROPOSALS MANAGER

T+1 206.624.7850 | D+1 206.812.2141 | M+1 425.418.3735

GLOSTEN.COM

From: WorkBoat eNewsletter <info@workboat.com>

Sent: Thursday, May 15, 2025 4:03 AM **To:** Megan J. Ponce <mjponce@glosten.com>

Subject: Fleet renewal programs keep steady stream of tug orders, deliveries

To ensure receipt of our email, please add info@workboat.com to your address book.



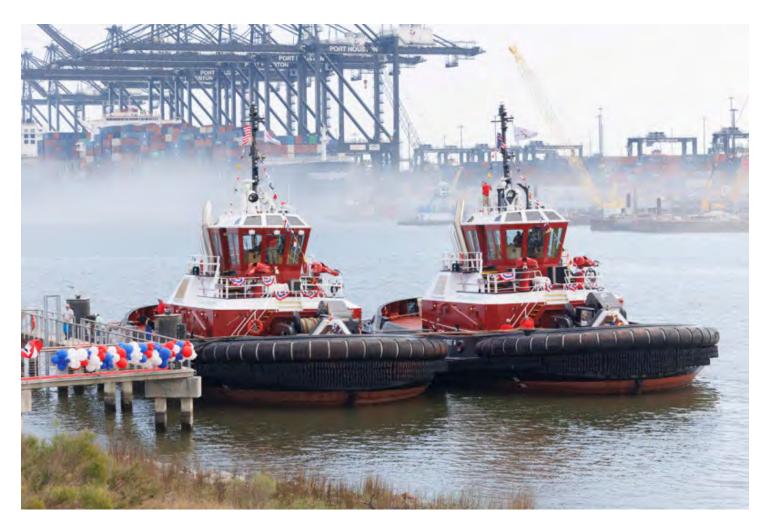
May 15, 2025





in

FEATURED



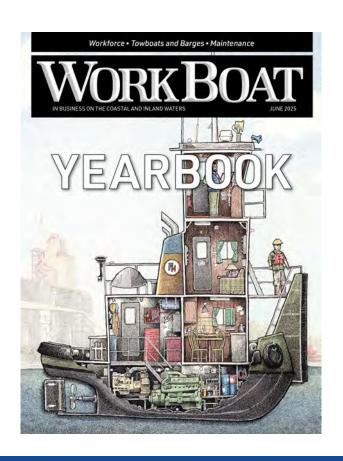
Fleet renewal programs keep steady stream of tug orders, deliveries

Casey Conley

Way back in 1999, **Bisso Towboat** Co. put the first azimuthing-sterndrive (ASD) tugboat into service on the Lower Mississippi River. Over time, the Luling, La., towing company added another and another. The company's president, Scott Slatten, set a goal along the way to build an entire fleet of ASD ship-assist tugboats. Bisso reached that milestone late last year with the delivery of the 96'x38' *Mr. Brian* from **Main Iron Works**, Houma, La.

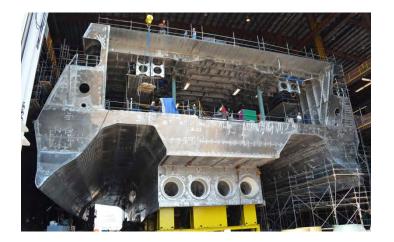


CURRENT ISSUE





MARITIME MATTERS



Steel, subsidies, and second thoughts in US shipbuilding

Craig Hooper

After decades of disappointment, America's conventional shipbuilding industry has been slow to act upon the array of pro-shipbuilding initiatives flowing out of Washington. Despite strong and sustained bipartisan support for the maritime industry from both Congress and the administration, the industry is still wary, betting the federal government's maritime focus is just a passing fad.





Together we go further

HEADLINES

Inland operators face 'normal headwinds'

VIEWPOINTS, COASTAL & INLAND WATERWAYS, NEWS

Charleston pilot boat upgraded with new propulsion and a gyro stabilizer

NEWS, SHIPBUILDING





Danish military will test Saildrone USVs

BLUEWATER, GOVERNMENT, NEWS

O-ring material caused bulk carrier to lose steering resulting in allision, NTSB says

NEWS, COASTAL & INLAND WATERWAYS, SAFETY

Sea Machines' SM300 selected for Marine Corps' low-profile USV program

High water forces New York to open state canal navigation season in phases

GOVERNMENT, NEWS, COASTAL & INLAND WATERWAYS

Army Corps launches largest Great Lakes dredging effort at Toledo Harbor

NEWS, COASTAL & INLAND WATERWAYS, DREDGING

IN CASE YOU MISSED IT



Gulf Coast shipyards expand to meet rising commercial and military demand

Ken Hocke

President Donald Trump signed an executive order earlier this year aimed at rebuilding the U.S. shipbuilding industry. Rebuild? Tier II shipbuilders have been producing aluminum and steel military and commercial workboats for decades, while a few Tier I shipyards have been building mostly warships. The order calls for federal investment in American shipyards and the maritime workforce and outlines a new Maritime Action Plan to be coordinated by the Maritime Administration.



EDITORS' CHOICE



Converted OSV joins the Steamship Authority fleet

Eric Haun

A converted offshore support vessel (OSV) has been delivered as the newest freight and passenger ferry in the Woods Hole, Martha's Vineyard, and Nantucket Steamship Authority fleet and will be commissioned on May 16. The *Aquinnah* is one of three sister ships purchased by the Steamship Authority in 2022 from **Hornbeck Offshore Services**, Covington, La., to replace an aging trio of open-deck freight vessels.



JOB WATCH



Bayonne Drydock & Repair Corp is hiring! Come join our team!



Shore Offshore Has immediate Openings!



NOW HIRING! Offshore Division



JOIN OUR TEAM! Jackson Offshore is Seeking **RELIEF CAPTAIN** - OSV



JOIN OUR TEAM! Jackson Offshore is seeking a **PSV MATE**



Open Positions for Two Vessels: Captain, Chief Mate, Mate, Chief Engineer, Assistant Engineer (w/OICEW), QMED & AB



Golden Alaska Seafoods is Hiring! Positions for Wheelhouse, Engine Room, Galley, Deck, and Factory



SEEKING QUALIFIED & EXPERIENCED PERSONNEL to work on our subsea construction fleet



Marine Electrician, Captain's and AB's



For Immediate Hire!! Marine Chief Engineers



WM Resources Seeking Offshore Positions



Southwest Shipyard is Hiring! Welders, Painters/Sandblasters, Maintenance Mechanics, Safety Technicians & Laborers/Helpers

UNLIMITED NEWS. EXCLUSIVE INSIGHTS. INDUSTRY REPORTS.



CONNECT



EVENTS

International Workboat Show

Pacific Marine Expo

RESOURCES

Download Media Kit

Subscribe to the Magazine

Subscribe to the Newsletter

This email is being sent to WorkBoat industry contacts and customers. To update your email preferences or unsubscribe, click here. If you prefer, you can also contact us by mail: Diversified Communications, P.O. Box 7437, Portland, ME 04112-7437.

From: <u>Doreen Littlejohn</u>
To: <u>Susan FitzGerald</u>

Cc: Kate Grossmann; Matthew S. Miller; E Russ (NAMC National Office)

Subject: RE: Suggested text for flyer distribution email

Date: Monday, May 5, 2025 8:17:25 PM

Attachments: GLOSTEN WEBSITE POST RECEIPT - Transaction Receipt 2025 05 05.pdf

Good afternoon, Susan,

Hoping all is well. Your receipt is attached and the posting can be viewed at:

https://namcnational.org/event1/methodology-public-consultation-meeting/

Please review and reply with any edits. If all is well, we will distribute this post to the affected NAMC chapters.

Best regards,

Doreen Littlejohn

Program Director | National Association of Minority Contractors (NAMC) National Office | Washington, DC & Maryland

T (202) 296-1600

https://namcnational.org/ DLittlejohn@namcnational.org

From: Doreen Littlejohn

Sent: Friday, May 2, 2025 12:26 PM

To: Susan FitzGerald <smfitzgerald@glosten.com>

Cc: Kate Grossmann kmgrossmann@glosten.com; E

Russ (NAMC National Office) <admin@namcnational.org>

Subject: RE: Suggested text for flyer distribution email

Got it, thank you, Susan. Will follow up with you shortly on the draft post and the receipt for website placement and distribution (\$199).

Doreen Littlejohn

Program Director | National Association of Minority Contractors (NAMC) National Office | Washington, DC & Maryland

T (202) 296-1600

https://namcnational.org/ DLittlejohn@namcnational.org

From: Susan FitzGerald <<u>smfitzgerald@glosten.com</u>>

Sent: Friday, May 2, 2025 12:23 PM

To: Doreen Littlejohn < <u>dlittlejohn@namcnational.org</u>>

Cc: Kate Grossmann kmgrossmann@glosten.com; Matthew S. Miller <

Hi Doreen, here's some text we put together for your possible use in distributing and/or posting the flyer, which might explain the project and subcontracting opportunities a little more. Thanks for your help! Let me know if you have any questions.

Best,

Susan

Hello,

The Alaska Department of Transportation & Public Facilities (DOT&PF) <u>Civil Rights Office</u> (CRO), in collaboration with the <u>Alaska Marine Highway System</u> (AMHS), invites partners, fellow Civil Rights Offices, certifiers, DBE firms, and stakeholders in the ferry, marine, transportation, and construction industries to participate in an upcoming <u>public consultation meeting</u> on the Disadvantaged Business Enterprise (DBE) Goal Methodology for the <u>Tustumena Replacement Vessel</u> (TRV) project for Federal Fiscal Years (FFY) 2026–2028.

The proposed DBE participation goals for the TRV project are 2.46% of the project budget for general vessel construction and 3.26% for subcontracts to Siemens Energy (the vessel's Propulsion System Integrator). Final project goal values are pending FTA review and approval. Opportunities for DBE participation in the TRV project include providing services, labor, materials, and supplies to the prime shipyard and propulsion system integrator contractors.

The vessel construction shipyard has yet to be determined, but those considered the most likely candidates are located in Florida, Louisiana, Mississippi, Oregon, Pennsylvania, and Wisconsin. States considered most relevant to possible Siemens Energy subcontracts include California, Georgia, Louisiana, North Carolina, South Carolina, and Texas.

Public Consultation Meeting:

When: Tuesday, May 27, 2025

• Time: 9:00 AM AKDT, 12:00 PM CDT, 1:00 PM EDT

• Where: Virtual over Zoom – Register Here!

The public consultation meeting will provide stakeholders with the opportunity to:

- Review and comment on the proposed DBE Goals and Methodology.
- Ask questions during the session with representatives from the CRO, AMHS, and Glosten.
- Network with potential prime contractors and other subcontractors.
- Ensure meaningful DBE involvement and transparent goal-setting for the TRV project.

The proposed DBE goal methodology memos are available for review on the <u>CRO website</u>. How to submit public comments:

Email: dbegoalmethodology@alaska.gov

- Fax at 907-269-0847
- Mail to: Civil Rights Office P.O. Box 196900, Anchorage, AK 99519
- Public comments are due by Monday, June 2 at 5:00.

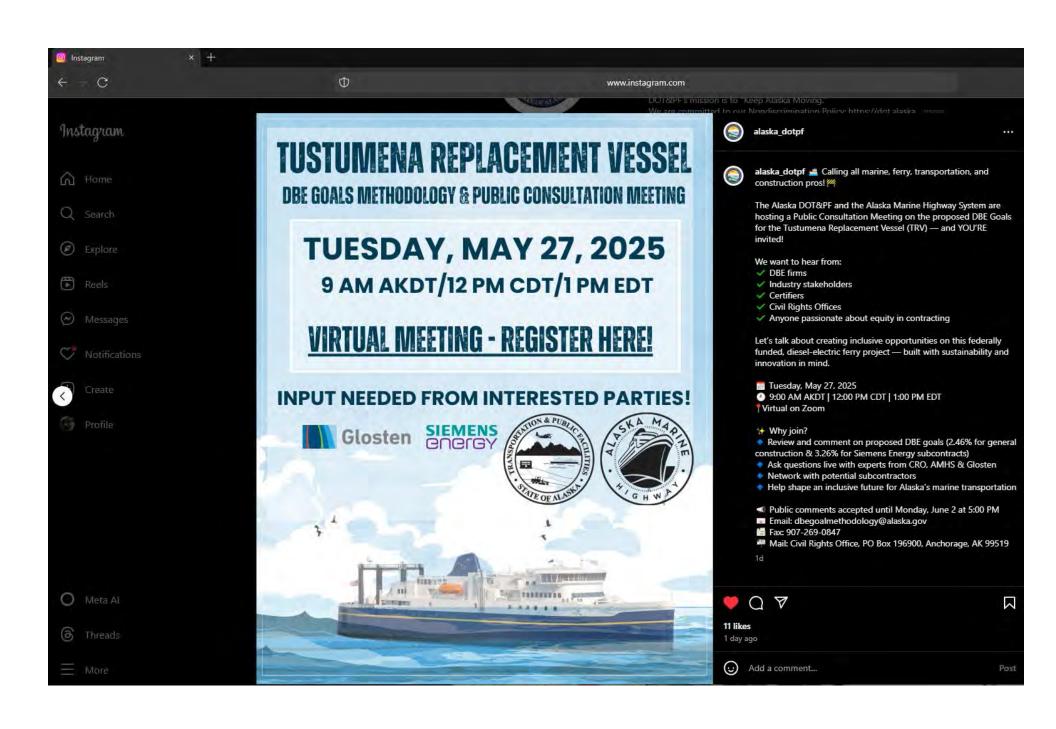
SUSAN M. FITZGERALD

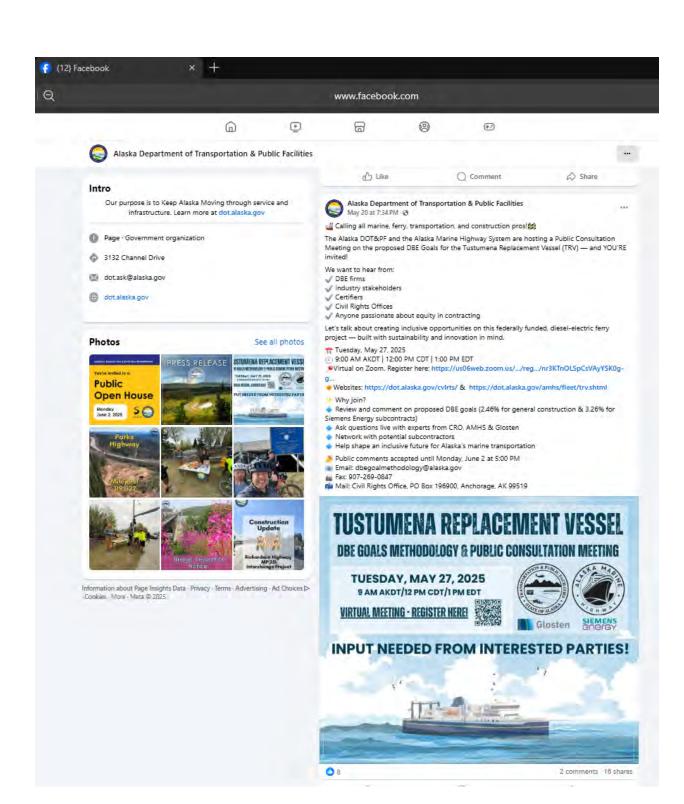
ENGINEERING TECHNICAL EDITOR SMFITZGERALD@GLOSTEN.COM

T +1 206.624.7850 | D +1 206.812.6058 1201 WESTERN AVENUE, SUITE 200, SEATTLE, WA 98101

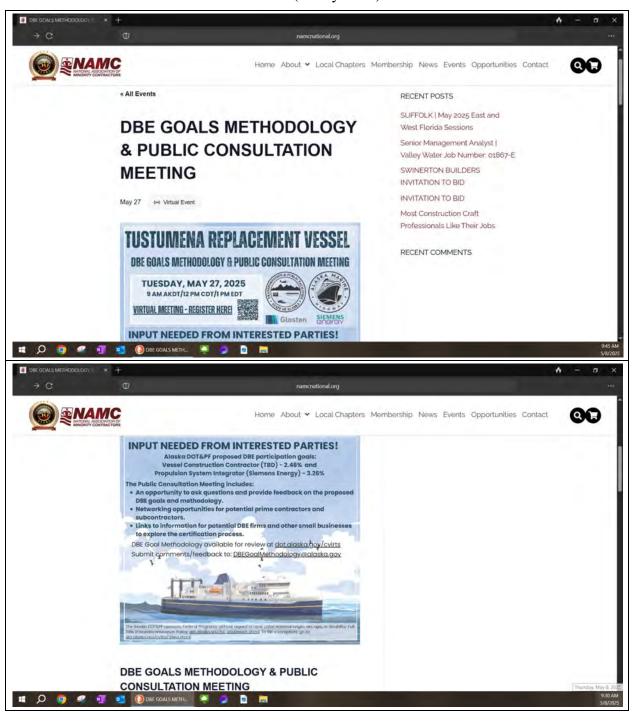
Glosten

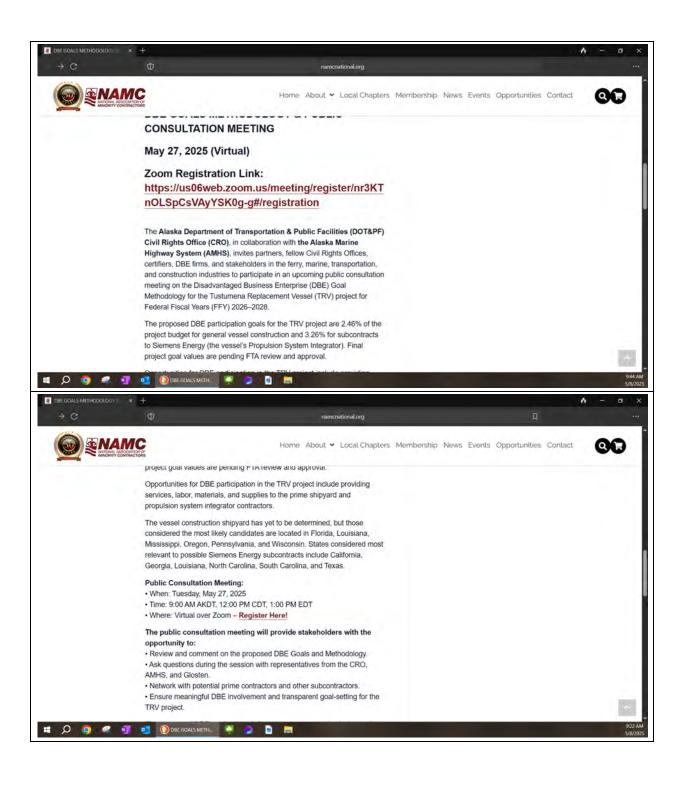
ENGINEERING SERVICES FOR THE MARINE INDUSTRY GLOSTEN.COM

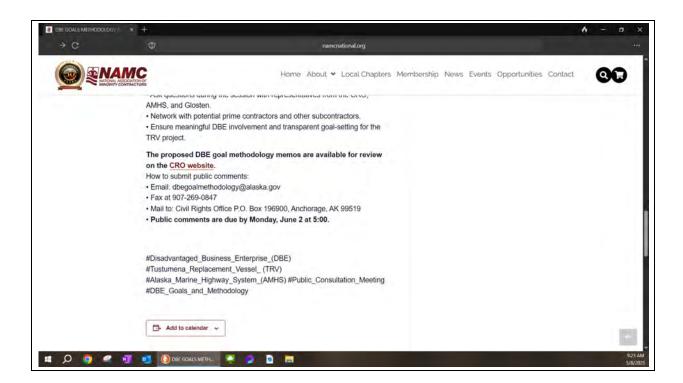




NAMC Website Announcement Screenshots (8 May 2025)







 From:
 Susan Perreault

 To:
 Kate Grossmann

 Cc:
 Susan FitzGerald; Info

Subject: RE: AMHS Ferry Construction DBE Goals - Public Webinar Info

Date: Wednesday, May 7, 2025 4:52:31 AM

Attachments: <u>image001.png</u>

image002.png image003.png image004.png

Thank you, Kate. We will share this opportunity with our clients, and this Thursday at the 37th Annual OAME (Oregon Association of Minority Entrepreneurs) Trade Show in Portland.

Regards,

Susan Perreault, D.B.A.

businessimpactnw.org

Su-zn Perr-alt
Senior Vice President
Doctor of Business Administration
206.324.4330 ext. 102

From: Kate Grossmann < kmgrossmann@glosten.com>

Sent: Tuesday, May 6, 2025 10:02 AM

To: Susan Perreault <SusanP@BUSINESSIMPACTNW.ORG>

Cc: Susan FitzGerald <smfitzgerald@glosten.com>; Info <info@BUSINESSIMPACTNW.ORG>

Subject: Re: AMHS Ferry Construction DBE Goals - Public Webinar Info

[EXTERNAL]

Thanks for getting back, Susan!
Here is our text-based message explaining the opportunity:
Hello,

The Alaska Department of Transportation & Public Facilities (DOT&PF) <u>Civil Rights</u> <u>Office</u> (CRO), in collaboration with the <u>Alaska Marine Highway System</u> (AMHS), invites partners, fellow Civil Rights Offices, certifiers, DBE firms, and stakeholders in the ferry, marine, transportation, and construction industries to participate in an upcoming <u>public</u> <u>consultation meeting</u> on the Disadvantaged Business Enterprise (DBE) Goal Methodology

for the <u>Tustumena Replacement Vessel</u> (TRV) project for Federal Fiscal Years (FFY) 2026–2028.

The proposed DBE participation goals for the TRV project are 2.46% of the project budget for general vessel construction and 3.26% for subcontracts to Siemens Energy (the vessel's Propulsion System Integrator). Final project goal values are pending FTA review and approval.

Opportunities for DBE participation in the TRV project include providing services, labor, materials, and supplies to the prime shipyard and propulsion system integrator contractors.

The vessel construction shipyard has yet to be determined, but those considered the most likely candidates are located in Florida, Louisiana, Mississippi, Oregon, Pennsylvania, and Wisconsin. States considered most relevant to possible Siemens Energy subcontracts include California, Georgia, Louisiana, North Carolina, South Carolina, and Texas.

Public Consultation Meeting:

• When: Tuesday, May 27, 2025

• Time: 9:00 AM AKDT, 10:00 AM PDT, 12:00 PM CDT, 1:00 PM EDT

• Where: <u>Virtual over Zoom – Register Here!</u>

The public consultation meeting will provide stakeholders with the opportunity to:

- Review and comment on the proposed DBE Goals and Methodology.
- Ask questions during the session with representatives from the CRO, AMHS, and Glosten.
- Network with potential prime contractors and other subcontractors.
- Ensure meaningful DBE involvement and transparent goal-setting for the TRV project.

The proposed DBE goal methodology memos are available for review on the <u>CRO website</u>. How to submit public comments:

• Email: dbegoalmethodology@alaska.gov

• Fax at 907-269-0847

• Mail to: Civil Rights Office P.O. Box 196900, Anchorage, AK 99519

• Public comments are due by Monday, June 2 at 5:00.

From: Susan Perreault

Sent: Tuesday, April 29, 2025 3:09 PM

To: Kate Grossmann

Cc: Susan FitzGerald; Info

Subject: RE: AMHS Ferry Construction DBE Goals - Public Webinar Info

Hello Kate,

Thank you for the information. Please provide a text-based message for sharing with our clients.

Regards,

Susan Perreault, D.B.A

Su-zn Perr-alt

Senior Vice President

Doctor of Business Administration

206.324.4330 ext. 102

businessimpactnw.org









From: Kate Grossmann < kmgrossmann@glosten.com>

Sent: Monday, April 28, 2025 1:01 PM

To: Susan Perreault < <u>SusanP@BUSINESSIMPACTNW.ORG</u>>

Cc: Susan FitzGerald < smfitzgerald@glosten.com >; Info < info@BUSINESSIMPACTNW.ORG >

Subject: AMHS Ferry Construction DBE Goals - Public Webinar Info

[EXTERNAL]

Hello!

The Alaska Marine Highway System will be starting construction on a large ferry next year with some funding from FTA grants. Glosten is helping AMHS with the public consultation on their proposed DBE goals for the project's vessel construction contractor and propulsion system integrator (2.46% and 3.26%, respectively).

We will be holding a public webinar on Tuesday, May 27th at 9 am AKDT (10 am PDT). Registration (and additional information on the project) is available through this link: https://us06web.zoom.us/meeting/register/nr3KTnOLSpCsVAyYSK0g-g

I gave you a call a few weeks ago about the northwest MBDA potentially distributing an announcement ahead of this webinar. In case you're interested, I have attached our full flyer and two small-form versions. If a text-based snippet would be more appropriate, I'd be happy to provide that as well.

Though there are many qualified parties in Washinton (Glosten's home state, for that matter), for this project we are particularly interested in participation from DBEs in **Oregon**. If another individual at Business Impact NW would be a more appropriate contact for this request, could you point me their way?

Thanks so much, and let me know if you need any additional information.

Best,

KATE M. GROSSMANN

(SHE/HER/HERS)

ENGINEERING TECHNICAL EDITOR

KMGROSSMANN@GLOSTEN.COM

T+1 206.624.7850 | D+1 206.812.5032

1201 WESTERN AVENUE, SUITE 200, SEATTLE, WA 98101

Glosten

ENGINEERING SERVICES FOR THE MARINE INDUSTRY

GLOSTEN.COM

Appendix F Public Consultation Webinar Presentation

TUSTUMENA REPLACEMENT VESSEL

DBE GOALS METHODOLOGY & PUBLIC CONSULTATION MEETING







Glosten
SIEMENS
COCCOY

RECORDING

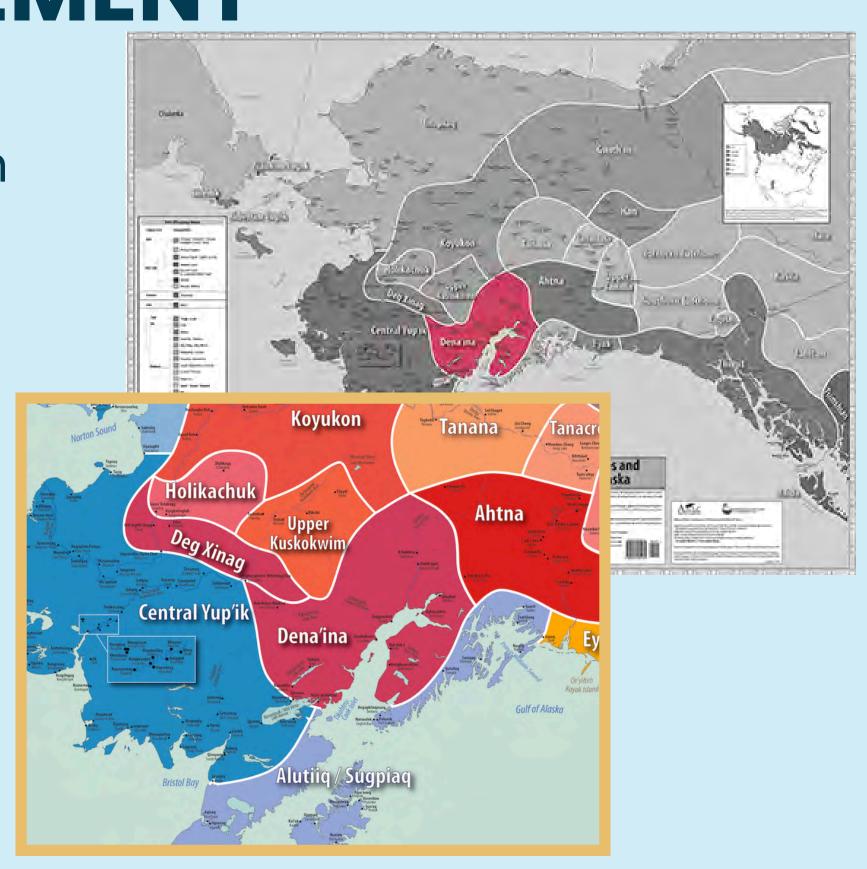
REC

LAND ACKNOWLEDGEMENT

The Civil Rights Office would like to acknowledge the Dena'ina people, on whose traditional lands we gather in Anchorage. We also acknowledge all Indigenous people of Alaska.

Thank you for your past and present stewardship of the waters, plants, and animals of this place.

Chin'an (Thank you)



SAFETY MOMENT

- Check Your Surroundings:
 - Ensure your workspace is free of tripping hazards, spills, or anything that could cause an accident.
- Stay Hydrated:
 - Keep water nearby but away from electronics to avoid spills.
- Follow Ergonomic Practices:
 - Take breaks, stretch, and adjust lighting to reduce eye strain.
- Be Mindful of Emergency Exits:
 - Know your surroundings in case you need to exit quickly.

INTRODUCTIONS

Drop in the chat, the following:

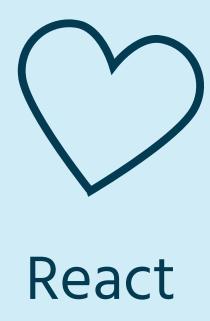
- Name
- Organization
- Title
- Email
- DBE/ACDBE Status
- State of Alaska, DOT&PF, Civil Rights Office Team
- State of Alaska, AMHS Team
- Glosten
- Siemens Energy (Propulsion System Integrator)

ZOOM GUIDELINES





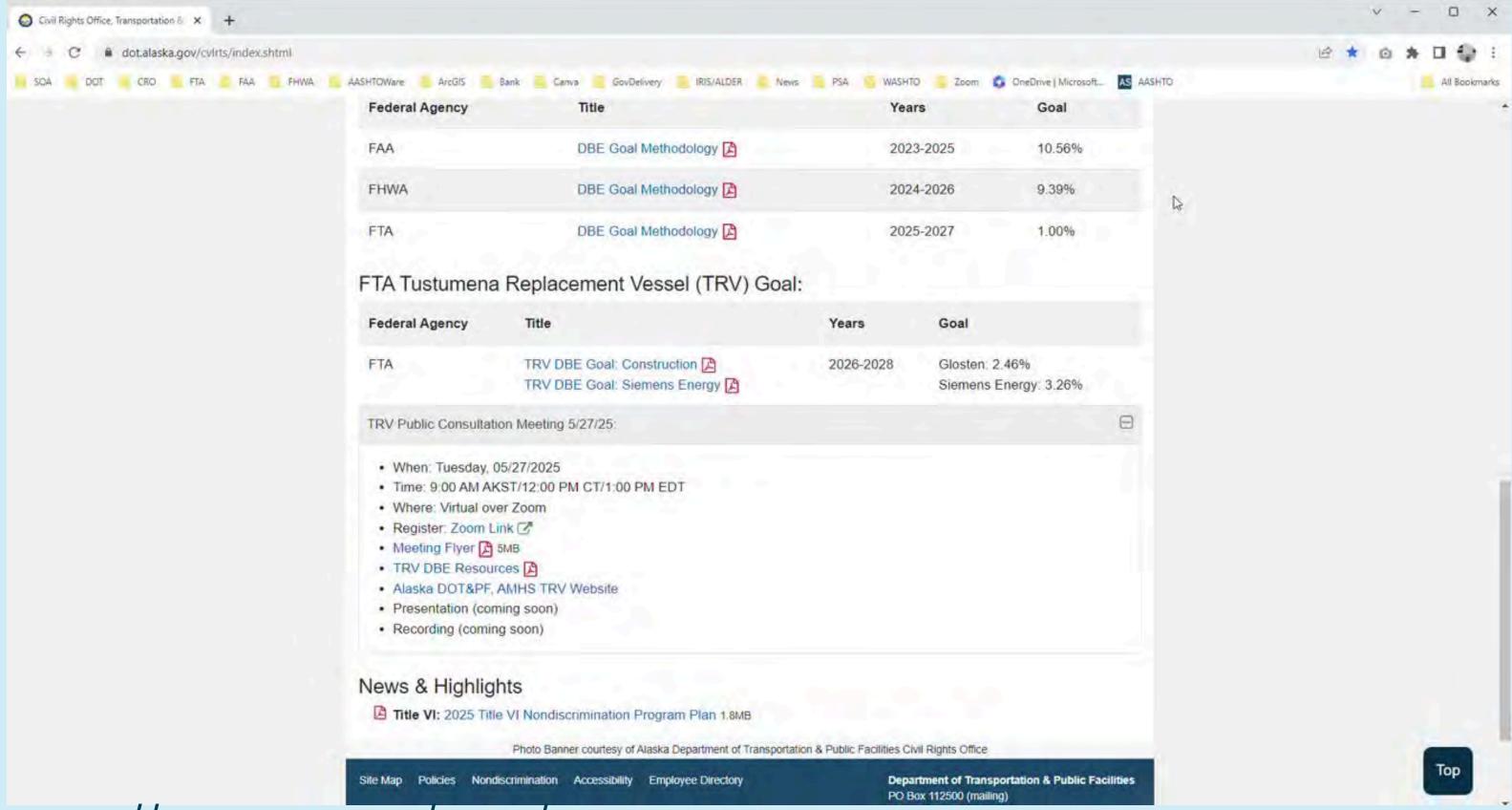




CODE OF CONDUCT

- Feel free to ask questions or share comments in the chat.
- Keep yourself on mute unless speaking and or asking a question.
- Be respectful
- Be mindful of your background
- Stay engaged!

PRESENTATION & RECORDING



Link: https://dot.alaska.gov/cvlrts/index.shtml

AGENDA

- Introductions
- Overview of Alaska DOT&PF, Civil Rights Office
- Overview of TRV Project
- DBE Goal & Methodology
- DBE Certification
- DBE Certification Benefits
- Questions & Open Discussion
- Closing remarks!

CIVIL RIGHTS OFFICE OVERVIEW

State of Alaska

- DOT&PF
 - DES: Equal Employment &
 Civil Rights
 - Civil Rights Office
 - 11 employees

Statewide but based in Anchorage!



CIVIL RIGHTS OFFICE PROGRAMS

- Disadvantaged Business Enterprise (DBE)
- Airport Concession Disadvantaged Business Enterprise (ACDBE)
- On-the-Job Training (OJT) Program
- Title VI
- Americans with Disabilities Act (ADA)

WHO IS WHO?

Sarah Starzec, Certification Officer

Certifies DBE/ACDBE firms

Zhenia C. Peterson, DBE/ACDBE Program Manager

- Supports certified DBE firms by implementing plans and processes to help DBE Firms succeed as a firm.
- Also provide training opportunities and other support services.

Brittney Hoffert, DBE/ACDBE Support Services Specialist

 Assists DBE firms through email communication and various support services.

TRV PROJECT OVERVIEW

The M/V Tustumena was built in 1964 and served the communities of South Central, Kodiak Island and Southwest Alaska. Retiring and replacing the M/V Tustumena with a vessel that provides greater capacity, modernized safety features, increased seaworthiness, and enhanced passenger comfort will ensure reliable marine transportation service well into the future for the communities, residents and businesses in South Central, Kodiak Island and Southwest Alaska.

For more information learn <u>here!</u>



TRV PROPOSED DBE PROJECT GOALS METHODOLOGY



- •Matt S. Miller, PE, Principal Naval Architect
- Susan M. FitzGerald, Engineering Technical Editor
- •Kate M. Grossmann, Engineering Technical Editor

TRV PROPOSED DBE PROJECT GOALS

What?

- The goal for awarding project funding to DBE firms through contracts or subcontracts.
- Based on estimated availability of DBE firms (compared to non-DBE firms).
- Not a quota*.

Why?

- Required for FTA funding recipients.
- To help small, disadvantaged businesses compete fairly on federally-assisted transportation projects*.

How?

• Followed methodology in <u>49 CFR 26.45</u> to set a meaningful target for DBE participation.

https://www.transportation.gov/mission/civil-rights/disadvantaged-business-enterprise/dbe-goal-setting https://www.transportation.gov/sites/dot.gov/files/2022-03/DBE%20Contract%20Goal%20Setting%20508.pdf

METHODOLOGY SUMMARY

- 1. Determine the project's subcontracting opportunities.
 - Associated North American Industry Classification
 System (NAICS) codes.
- 2. Determine the geographic market area.
- 3. Gather data and calculate the relative DBE availability "base figure" for the market area.
 - Apply budget weighting to refine the base figure.
- 4. Consider relevant adjustments to the base figure.
- 5. Determine race-conscious/race-neutral approach.
- 6. Hold public consultation.

TRV PROPOSED DBE PROJECT GOALS

This project has two DBE participation goals:

- 1. The Vessel Construction Contractor (TBD) scope of work.
- 2. The Propulsion System Integrator (Siemens Energy) scope of work.

- 1. Determined subcontracting opportunities.
 - a. Vessel construction services, labor, materials, and supplies, including manufacture of components and subcomponents.
 - b. Identified 32 NAICS Codes.

NAICS Code	2022 NAICS Definition	NAICS Code	2022 NAICS Definition
237990	Other Heavy and Civil Engineering Construction	334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing
238210	Electrical Contractors and Other Wiring Installation Contractors	334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
238220	Plumbing, Heating, and Air-Conditioning Contractors	335313	Switchgear and Switchboard Apparatus Manufacturing
238310	Drywall and Insulation Contractors	335314	Relay and Industrial Control Manufacturing
238320	Painting and Wall Covering Contractors	335910	Battery Manufacturing
238330	Flooring Contractors	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
238350	Finish Carpentry Contractors	336360	Motor Vehicle Seating and Interior Trim Manufacturing
325510	Paint and Coating Manufacturing	336611	Ship Building and Repairing
331420	Copper Rolling, Drawing, Extruding, and Alloying	337127	Institutional Furniture Manufacturing
331529	Other Nonferrous Metal Foundries (except Die-Casting)	423510	Metal Service Centers and Other Metal Merchant Wholesalers
332410	Power Boiler and Heat Exchanger Manufacturing	423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
332510	Hardware Manufacturing	488330	Navigational Services to Shipping
332996	Fabricated Pipe and Pipe Fitting Manufacturing	532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing	532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing
333618	Other Engine Equipment Manufacturing	541330	Engineering Services
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	561320	Temporary Help Services

- 2. Determined geographic market area.
 - Defined by the US shipyards considered most likely to bid.

Company (alphabetical)	State
1. Bollinger Shipyards	Mississippi and Louisiana
2. Eastern Shipbuilding Group	Florida
3. Fincantieri Marine Group	Wisconsin
4. Gunderson Marine LLC	Oregon
5. Philly Shipyard ASA (now Hanwha Philly Shipyard)	Pennsylvania
6. Thoma-Sea Marine Constructors, LLC	Louisiana

3. Gathered data and calculated relative DBE availability (base figure) for the market area.

Relative DBE availability
(for each NAICS code)

Ready, willing, and able DBE firms

All ready, willing, and able firms

(DBEs and non-DBE firms)

State	Data Source	
Florida	Florida DOT Unified Certification Program (UCP) DBE Directory	
Louisiana	Louisiana UCP Directory	
Mississippi	Mississippi DOT DBE Supportive Services	
Oregon	Oregon Certification Office for Business Inclusion and Diversity (COBID) Certified Vendor Directory	
Pennsylvania	Pennsylvania UCP	
Wisconsin	Wisconsin DOT DBE UCP Directory	
US	US Census Bureau's County Business Patterns (CBP) Database	

Relative DBE availability (for each NAICS code)

Ready, willing, and able DBE firms

All ready, willing, and able firms (DBEs and non-DBE firms)

Example:

- Data from each state was broken out by the 32 NAICS codes, then summed.
- Overall totals used to calculate the unweighted base figure.

325510 Paint and Coating

	Manufacturing					
State	All Available Firms	Att Available DBE Firms	Relative Availability of DBE Firms (Base Figure)			
FLC	65	4	6.15%			
LAD	9	1.1	11.11%			
MS ^f	3	2	66.67%			
OR"	20	1	5.00%			
PA	53	101/1	1.89%			
WI ^a	42	100	2.38%			
Totals	192	10	5.21%			

331420 Copper Rolling, Drawing,

	7.54	Relative
Alt	All	Availability of
Available	Available	DBE Firms (Base
Firms	DBE Firms	Figure)
0	0	N/A
18	0	0,00%
5	0	0.00%
23	0	0.00%

331529 Other Nonferrous Metal

Foundries (except Die-Casting)

Ali Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)
6	0	0.00%
0	0	N/A
0	0	N/A
12	0	0.00%
27	1.1	3,70%
8	0	0.00%
53	1	1.89%

TOTALS

Available Firms	Au Available DBE Firms	Availability of DBE Firms (Base Figure)
37863	1211	3.20%
5956	516	8,66%
2415	212	8.78%
6673	233	3.49%
15366	1153	7.50%
8347	300	3.59%
76620	3625	4.73%
	Firms 37863 5956 2415 6673 15366 8347	Firms DBE Firms 37863 1211 5956 516 2415 212 6673 233 15366 1153 8347 300

Unweighted Base Figure = 4.73%.

Applied budget-weighting.

NAICS Code	NAICS Description and Associated Contracts	Distribution of FTA Funding	Percent of FTA Funding	DBE Availability	Weighted Base Figure
325510	Paint and Coating Manufacturing	\$ 3,875,000	1.25%	5.21%	0.07%
331420	Copper Rolling, Drawing, Extruding, and Alloying	\$ 6,200,000	2.00%	0.00%	0.00%
331529	Other Nonferrous Metal Foundries (except Die- Casting)	\$ 2,325,000	0.75%	1.89%	0.01%
				1	
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing	\$ 3,100,000	1.00%	1.80%	0.02%
541330	Engineering Services	\$ 9,300,000	3.00%	11.37%	0.34%
561320	Temporary Help Services	\$ 6,200,000	2.00%	4.13%	0.08%
Estimat	ed Total Federal Funds	\$310,000,000	100%		3.43%

•Budget-weighted base figure = 3.43%.

- 4. Considered adjustments to the base figure.
 - Regulations require consideration of relevant adjustments, can be based on:
 - DBE participation on previous similar projects.
 - Evidence from disparity studies in the market area.
 - Any other relevant information.
 - No relevant information available from past AMHS projects or disparity studies.

- 4. Considered adjustments to the base figure.
 - Certain tasks involved in building the TRV will require marine expertise.
 - Narrowed down the number of DBEs in nine NAICS categories to those that have marine industry experience.
 - Based on the need to meet US Coast Guard and ABS regulatory requirements.

NAICS Code	2022 NAICS Definition	NAICS Code	2022 NAICS Definition
237990	Other Heavy and Civil Engineering Construction	238330	Flooring Contractors
238210	Electrical Contractors and Other Wiring Installation Contractors	488330	Navigational Services to Shipping
238220	Plumbing, Heating, and Air-Conditioning Contractors	532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
238310	Drywall and Insulation Contractors	541330	Engineering Services
238320	Painting and Wall Covering Contractors		

- Identified "marine" DBEs:
 - Searched for keywords: "marine," "maritime," "vessel," or "ship" in the firm's name, business description, or their NAICS codes.
 - Examined company websites and sent queries.
- Similarly identified the number of "all" marine firms using companies listed in Dun & Bradstreet Hoovers database.
 - US Census CBP data are anonymous, no keyword search possible.
- Recalculated base figure.
- Recalculated budget weighting.
- Adjusted Base Figure = 2.46% = PROPOSED DBE GOAL.

- 5. Determined race-conscious/race-neutral approach.
 - A "race-conscious" approach focuses specifically on DBEs.
 - A "race-neutral" approach includes all small businesses, including DBEs.
 - Alaska DOT&PF operates federal programs without regard to race, color, national origin, sex, age, or disability.
 - The Civil Rights Office's programs are race-neutral, they foster participation of DBEs and other small businesses.
 - Vessel construction proposed project DBE goal = 2.46%,
 100% race-neutral basis.

- 1. Determined subcontracting opportunities.
 - a. Considered the major components of TRV's propulsion plant:
 - i. Main and emergency diesel generator sets.
 - ii. Main thrusters, motors, and drives.
 - iii. Bow thrusters, motors, and drives.
 - iv. Propulsion electrical distribution systems.
 - v. Ship service and emergency switchboards.
 - vi.Propulsion control, machinery monitoring, and power management equipment.
 - vii. Battery storage and management systems.
 - b. Services, labor, materials, and supplies, including manufacture of components and subcomponents.
 - c.17 NAICS codes.

NAICS Code	2022 NAICS Definition	NAICS Code	2022 NAICS Definition
331420	Copper Rolling, Drawing, Extruding, and Alloying	335314	Relay and Industrial Control Manufacturing
331529	Other Nonferrous Metal Foundries (except Die-Casting)	335910	Battery Manufacturing
332510	Hardware Manufacturing	335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
332996	Fabricated Pipe and Pipe Fitting Manufacturing	336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
333618	Other Engine Equipment Manufacturing	423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
335311	Power, Distribution, and Specialty Transformer Manufacturing	541330	Engineering Services
335312	Motor and Generator Manufacturing	561320	Temporary Help Services
335313	Switchgear and Switchboard Apparatus Manufacturing		

- 2. Determined geographic market area.
 - Based on the likely US manufacturing locations of propulsion system component suppliers:
 - California
 - Georgia
 - Louisiana
 - North Carolina
 - South Carolina
 - Texas

3. Gathered DBE data and calculated the base figure.

Relative DBE availability (for each NAICS code)

Ready, willing, and able DBE firms

All ready, willing, and able firms (DBEs and non-DBE firms)

State	Data Source
California	California Unified Certification Program (UCP)
Georgia	State of Georgia UCP Directory
Louisiana	Louisiana UCP Directory
North Carolina	North Carolina Directory of Firms
South Carolina	South Carolina DOT DBE/ACDBE Certification Directory
Texas	Texas UCP Directory
US	US Census Bureau's CPB Database

• Base Figure: 6.96%

	TOTALS					
State	All Available Firms	All Available DBE Firms	Relative Availability of DBE Firms (Base Figure)			
CAC	14113	789	5.59%			
GA ^D	3623	63	1.74%			
LA ^E	1708	184	10.77%			
NCF	3314	252	7.60%			
SC ^G	1684	128	7.60%			
TX ^H	9851	970	9.85%			
Totals	34293	2386	6.96%			

• Budget-weighted base figure: 3.26%

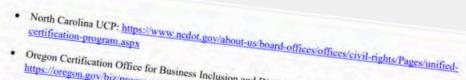
- 4. Considered adjustments to the base figure.
 - No additional information for further adjustment.
 - "Marine expertise" requirement not as relevant to Siemens Energy subcontract work.
 - No information available on DBE participation in previous Siemens Energy projects.
 - No relevant information from disparity studies.
 - 3.26% = Propulsion System Integrator proposed DBE goal.
 - 100% race-neutral basis.

SUMMARY: TRV PROPOSED DBE PROJECT GOALS

- Vessel Construction = 2.46%
- Propulsion System Integrator = 3.26%
- Sought on 100% race-neutral basis.
- Note: These are <u>proposed</u> goals, subject to FTA review, and may change.

DBE AND SMALL BUSINESS RESOURCES

Copy of Resources can be found <u>here</u>.



 Oregon Certification Office for Business Inclusion and Diversity (COBID) website: https://oregon.gov/biz/programs/COBID/Pages/default.aspx



Department of Transportation and Public Facilities

ALASKA MARINE HIGHWAY SYSTEM Office of the Marine Director

Tustumena Replacement Vessel Project DBE and Small Business Resources

The following list provides links to resources for DBEs and small business

- Asian Pacific American Chamber of Commerce: https://www.apacc.net/
- Black American Chamber of Commerce: https://blackamericanchamber.org/
- California Caltrans Civil Rights website (includes certification links): https://dot.ca.gov/programs/civil-
- California Caltrans DBE website: https://dot.ca.gov/programs/civil-rights/dbe Florida UCP DBE directory website; https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx
- My Florida MarketPlace Vendor Search website: https://vendor.myfloridamarketplace.com/search/vendor
- Georgia certification website: https://georgia.org/certification/
- Georgia DBE website: https://www.dot.ga.gov/GDOT/Pages/DBE.aspx
- Hispanic Chamber of Commerce: https://www.ushcc.com
- Louisiana DBE website: http://www8.dotd.la.gov/UCP/Home.aspx
- Louisiana Economic Development Smallbiz System directory:
- Mississippi DBE website: https://www.msdbe.com/
- Mississippi Minority Business Certification System directory website; https://minority.mississippi.org/DirectorySearch.aspx
- National Native American Chamber of Commerce: http://www.nnacc.org/

ware.com/FrontEnd/SearchCertifiedDirectory.asp?XID=518&TN=orego

https://www.sbe.penndot.pa.gov/SBEWeb/sbe/viewHome.do

mall Business Affairs: https://www.scdot.org/business/bus-development-

te: https://wisconsindot.gov/Pages/doing-bus/civil

Program Directory: https://wisdp.wi.gov/Search.aspx

ograms without regard to race, color, national origin, sex, age, or olicy: dot.alaska.gov/tvi_statement.shtml. To file a complaint, go to:

QUESTIONS?

PUBLIC COMMENTS DUE

The Public Comment Period ends on June 2, 2025 at 5:00 PM.

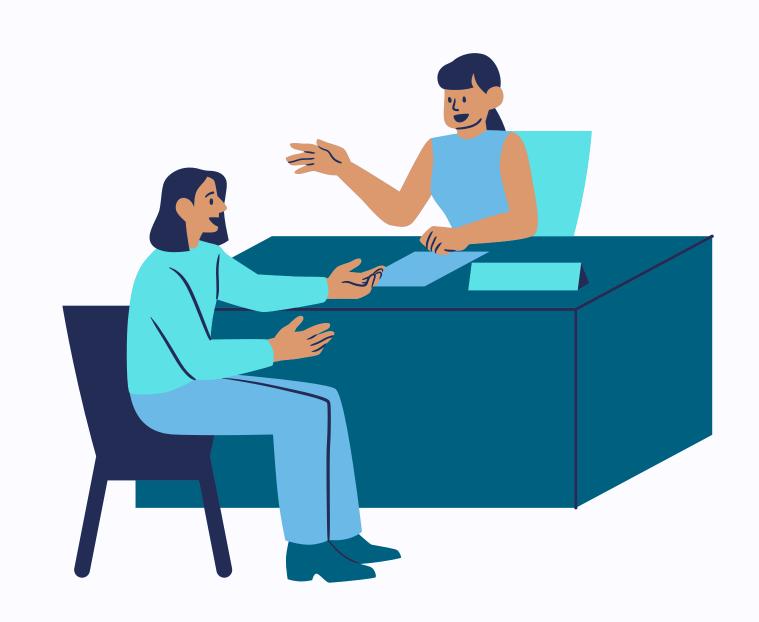
You can submit your comments through the following ways:

- Email: <u>dbegoalmethodology@alaska.gov</u>
- Mail: State of Alaska, DOT&PF, CRO
 - 2200 E 42nd Ave, Anchorage, AK 99508
- Phone: 907-269-0844



DBE/ACDBE CERTIFICATION

Presentation by Certification Officer



WHAT IS A DBE/ACDBE?

A DBE is a small, for-profit business that is at least 51% owned & controlled by socially & economically disadvantaged individuals.

Socially disadvantaged individual means any individual who is a citizen (or lawfully admitted permanent resident) of the United States and who has been subjected to racial or ethnic prejudice or cultural bias within American society because of his or her identity as a member of a group and without regard to his or her individual qualities. African Americans, Hispanics, Native Americans, Asian-Pacific and Subcontinent Asian Americans, and women are presumed to be socially disadvantaged. Other individuals can also qualify as socially disadvantaged on a case-by-case bas

To be presumed as economically disadvantaged, an individual owner must have a personal net worth that does not exceed \$2.047 million.

On April 9, 2024 a Final Rule was issued which included many changes to the DBE program including mandating reciprocity for Interstate certification and an increase to the personal net worth cap.

DBE PROGRAM SIZE STANDARDS

SBA business size standard(s) found in <u>13 CFR part</u> <u>121</u> appropriate to the type(s) of work the firm seeks to perform in DOT-assisted contracts, including the primary industry classification of the applicant.

See <u>13 CFR part 121.201</u>

Size limit = \$31.84 million

Average annual gross receipts over the firm's previous 5 fiscal years.

See <u>13 CFR part 121.104(c)</u>

Average annual gross receipts over the firm's previous 3 fiscal years.

See 26.65(b), 2021 Final Rule, DBE

Guidance on Gross Receipts (2020)

*DBEs working on FAA contracts are only subject to the SBA size standards. DBEs working on FHWA and FTA contracts are subject to both the SBA size and the DBE statutory gross receipts standards.

APPLICATION PROCESS

The DBE application along with information about Interstate certification can be found on the Civil Rights Office website: https://dot.alaska.gov/cvlrts/dbecert.shtml

All applicants must register as a vendor in our system: https://dot.alaska.gov/aashtoware/docs/AWP-Vendor-List-Guidance.pdf

Submit your application and supporting documentation to sarah.starzec@alaska.gov or by using our file transfer site: drop.state.ak.us/drop/

We have 90 days to process the application once we receive all the required documentation. We will notify the applicant within 30 days if we require additional documentation. We will also conduct an onsite review either virtually or in person.

We have 10 days to process Interstate certification.

PLAN HOLDER SELF REGISTRATION LIST

Large construction projects that the Alaska DOT&PF advertises include The Plan Holders Self-Registration List (PHSRL), which allows DBE, SBE, and non-DBE subcontractors as well as Primes to self-register as interested in the project.

Before you register for the PHSRL, it is highly recommended that you first register for the Online Public Bidding Notices which will notify you of any upcoming bids.

All prime contractors, subcontractors and DBEs must register for AASHTOWare Project as a vendor in order to submit bids or register on the PHSRL.

PHSRL guidance can be found here: https://dot.alaska.gov/cvlrts/forms/Plan-Holder-Self-Registration-List-Guide.pdf

SPECIAL CERTIFICATION RULES

There are special DBE certification rules that apply to Alaska Native Corporation (ANC) owned firms. The AUCP uses a different application packet for ANC-owned firms applying under the special rules, and this can be found here:

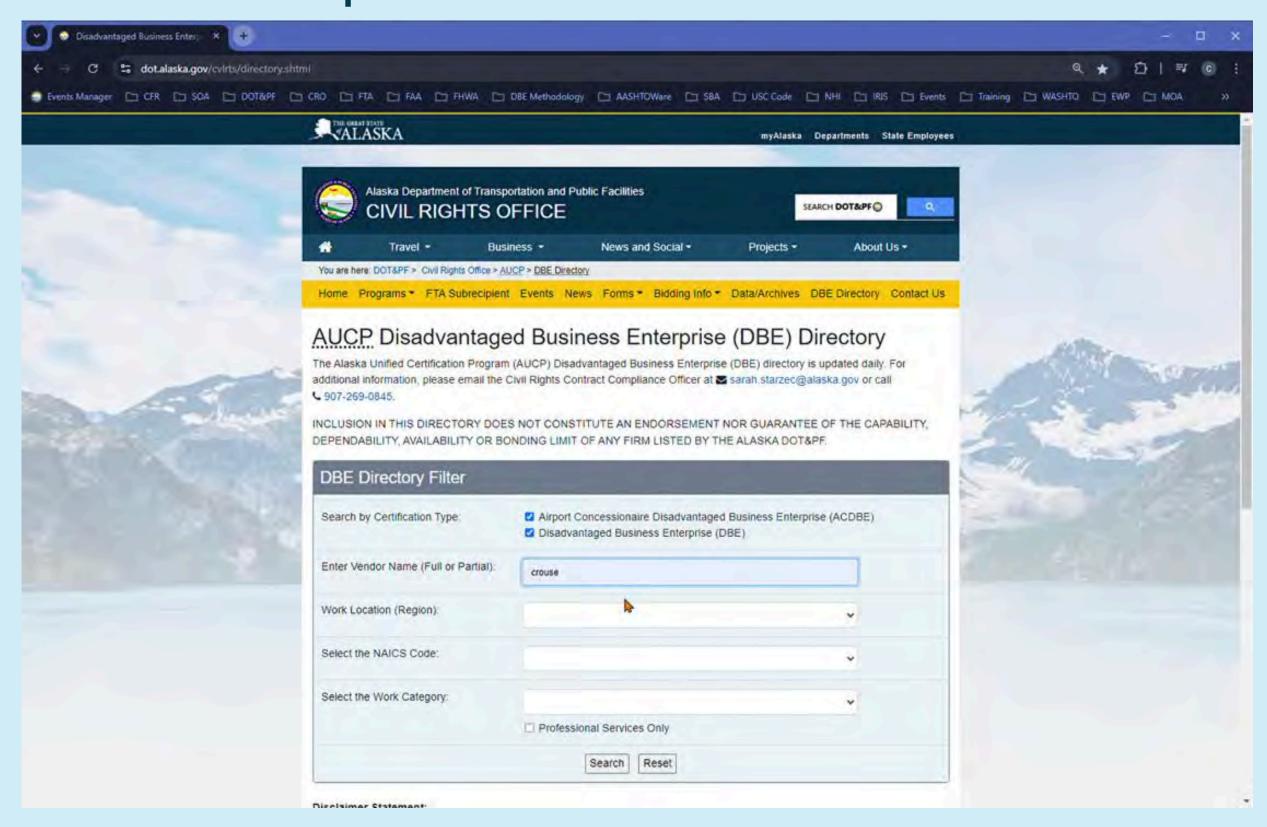
• https://dot.alaska.gov/cvlrts/pdfs/Application-Packet-for-ANC.pdf

49 CFR Part 26.63(c)(2)(i) contains special certification rules which apply to Alaska Native Corporation (ANC) owned firms. DOT regulations require that an ANC meeting all of the following requirements must be certified as a DBE:

- (i) The Settlement Common Stock of the underlying ANC and other stock of the ANC held by holders of the Settlement Common Stock and by Natives and descendants of Natives represent a majority of both the total equity of the ANC and the total voting power of the corporation for purposes of electing directors;
- (ii) The shares of stock or other units of common ownership interest in the subsidiary, joint venture, or partnership entity held by the ANC and by holders of its Settlement Common Stock represent a majority of both the total equity of the entity and the total voting power of the entity for the purpose of electing directors, the general partner, or principal officers; and
- (iii) The subsidiary, joint venture, or partnership entity has been certified by the Small Business Administration under the 8(a) or small disadvantaged business program.

AUCP DIRECTORY

DBE/ACDBE firms updated in real time!



DBE CERTIFICATION BENEFITS

Access to Government Contracts:

 <u>Priority in Contracting:</u> DBE certified firms get priority consideration for federally funded contracts, particularly in transportation, airport, and highway projects.

• Increased Business Visibility:

- Inclusion in DBE Directories: Certified DBEs are listed in directories that contractors use to find qualified DBE firms, increasing exposure to potential business opportunities.
- <u>Networking Opportunities:</u> DBEs often have access to networking events, workshops, and resources aimed at enhancing their business visibility and fostering partnerships.

Subcontracting Opportunities:

 <u>Partnering with Larger Contractors:</u> DBEs can often partner with larger contractors as subcontractors, giving them the opportunity to gain experience, build capacity, and grow their businesses.

DBE CERTIFICATION BENEFITS

Access to Resources and Support:

- <u>Technical Assistance and Training:</u> DBE programs often provide technical assistance, business development support, and mentorship to help firms grow.
- Bonding and Financial Assistance: Some programs offer bonding support and access to financing to help DBEs compete for contracts that might otherwise be difficult to secure due to bonding or financial limitations.

• Increased Competitiveness:

- Increased Contract Opportunities: DBE status can help small businesses gain access to contracts that may otherwise go to larger firms.
- Enhanced Marketability: Being DBE-certified signals to potential clients and partners that the business has met strict requirements for certification and is qualified to perform on government contracts.

DBE CERTIFICATION BENEFITS

The Support Services program is designed to contribute to the growth and eventual self-sufficiency of certified DBE/ACDBE firms by providing assistance in the acquisition of skills and the identification of resources so that the firms can ultimately compete on an equal basis for contracts and subcontracts without the assistance of the DBE program.

Support Services resources include:

- Transporter Newsletter
- Events hosted by Alaska DOT&PF, stakeholders and other community partners.
- Civil Rights Office Conference
- 50% DBE Reimbursement Program
- 90% Reimbursement for Small Business Development Classes
- Orientations for new DBE/ACDBE firms
- List of resources available via DBE/ACDBE/SS website

DBE PROGRAM

Check out the DBE Program Flyer overview!



Unlock Contracting Opportunities & Build Your Business!

Are you a minority-owned, women-owned, or socially and economically disadvantaged

The Disadvantaged Business Enterprise (DBE) Program helps small businesses compete for federally funded contracts in transportation-related industries.

The DBE Program aims to address past and ongoing discrimination in federally funded transportation contracting.

It levels the playing field by ensuring small businesses have a fair opportunity to compete for highway, transit, airport, and safety-related contracts.

The Alaska Unified Certification Program (AUCP) within the Alaska Department of Transportation & Public Facilities (Alaska DOT&PF) Civil Rights Office (CRO) is the only certifier of DBE firms in the State of Alaska.

→ DBE Certification Eligibility

- Ownership: At least 51% owned and controlled by a socially/economically disadvantaged individual.
- Citizenship: The owner must be a U.S. citizen or lawfully admitted permanent resident of the U.S.
- Size standard: Firm must meet U.S.DOT Size
- Business Type: Firm must be organized 'for profit'

→ DBE Certification Process

- Submitting an Application: Submit a completed application with supporting documents. Processing takes up to 90 days after all documents are received.
- Eligibility Review: The Civil Rights Office conducts owner interviews and on-site inspections before determining
- Annual Certification Update: DBE firms must submit an annual affidavit confirming no changes in size, ownership, or disadvantaged status, along with supporting tax

Benefits of DBE Certification

- Increased Visibility: Get listed in the DBE directory for prime contractors to find you.
- Support & Resources: Free business development, training, and networking.
- Reimbursement: Get financial support to help cover

Alaska Department of Transportation & Public Facilities Phone: 907-269-0844

Website: dot.alaska.gov/cvlrts/

Address: 2200 E 42nd Ave, Anchorage, AK 99508

YOU'RE DBE CERTIFIED. NOW WHAT?

Once you are certified as a

DBE we have support services

available for you!

Check out the <u>I'm DBE</u>

Certified. Now what?

brochure!



STAY UPDATED!

Our office sends out a quarterly Transporter Newsletter!

Sign up today to stay in touch with what we're doing!

Email <u>brittney.hoffert@alaska.gov</u> to become registered!



PUBLIC COMMENTS DUE

The Public Comment Period ends on June 2, 2025 at 5:00 PM.

You can submit your comments through the following ways:

- Email: <u>dbegoalmethodology@alaska.gov</u>
- Mail: State of Alaska, DOT&PF, CRO
 - 2200 E 42nd Ave, Anchorage, AK 99508
- Phone: 907-269-0844



STAY IN TOUCH!

DBE/ACDBE Certification:

- Sarah Starzec
- sarah.starzec@alaska.gov

DBE/ACDBE Program Manager:

- Zhenia C. Peterson
- zhenia.peterson@alaska.gov

DBE/ACDBE Support Services Specialist

- Brittney Hoffert
- brittney.hoffert@alaska.gov



Thanks for joining us today!

Questions?

