

2018 CARL MOYER PROGRAM



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
MARINE VESSELS

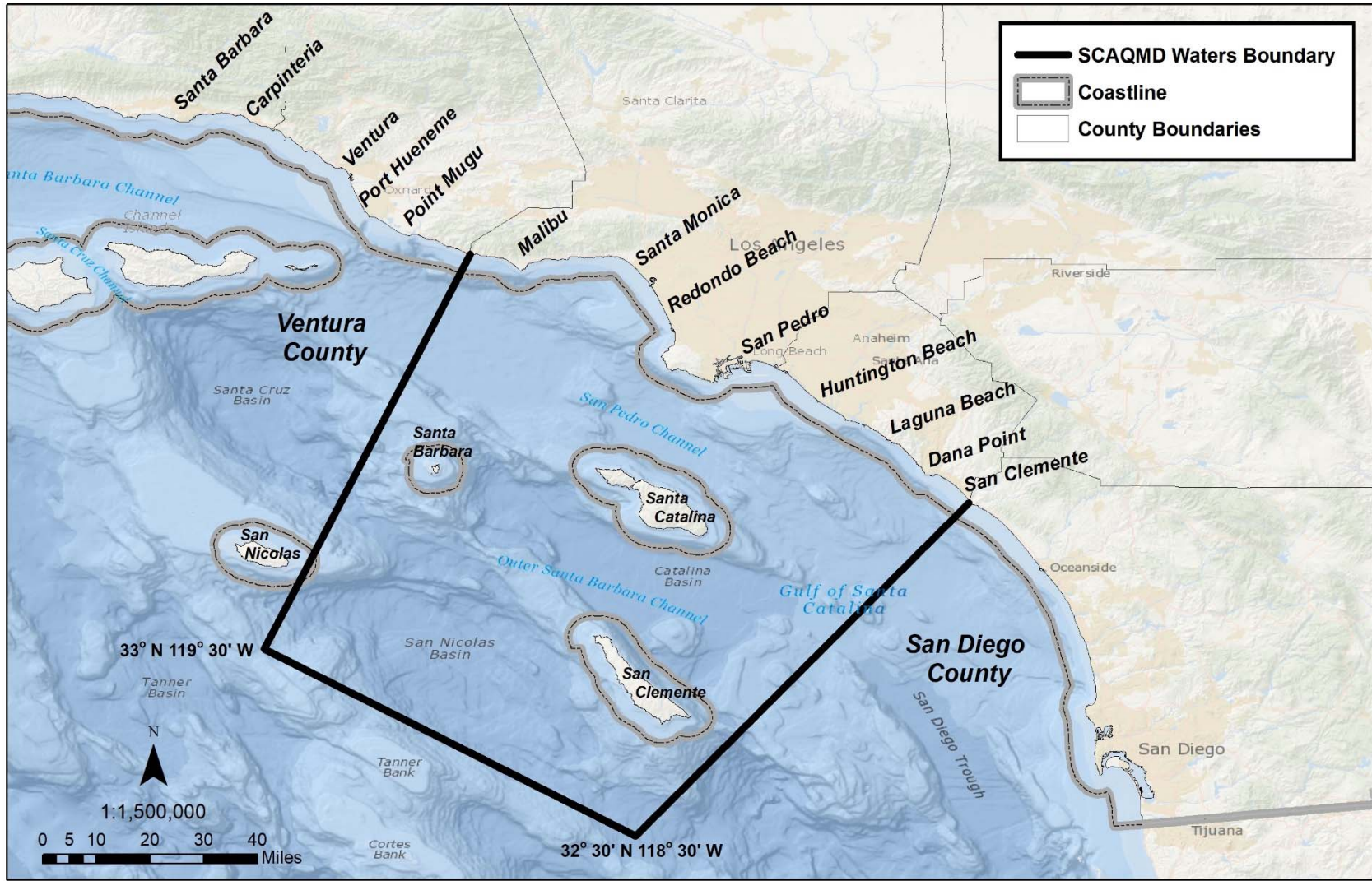


Eligible Projects and Requirements



- Repower: Replace Current Engine with New Engine
 - Tier 3 or Cleaner
 - Minimum 15% NOx Reduction
- Electronic Monitoring Units Required on All Marine Vessels
- 75% of Operating Time in SCAQMD Waters
- Annual Reports on Vessel Operations **MUST** be Submitted During Contract Period
- Prior to Transfer of Vessel Ownership or if Vessel is Destroyed SCAQMD Must Receive Timely Notification
- Proof of Current Vessel Liability Insurance Must be Annually Submitted to SCAQMD and Identify SCAQMD as “Loss Payee”

Map of SCAQMD Waters



Marine Vessel Funding Opportunities



Project Type	Subject to ARB Rule	Moyer Funding
Excursion, Ferries, Tug Boats, Tow Boats, Crew & Supply Boats, Barges & Dredge Engine Repowers	Yes Harbor Craft Rule (Must Submit Initial Report)	Baseline Engine Tier 2 Compliant*
Fishing, Pilot, Work Boat Engine Repowers	No (Must Submit Initial Report)	Not Limited by Regulation

* Please Note: Tier 0 And Tier 1 Are Not Eligible For Funding

Eligible Project Costs



Project Type	New Engine Tier	Max. Eligible Funding
Barge, Crew & Supply, Excursion, Ferry, Tugboat, Towboat, Dredge	Tier 3	80 Percent
	Tier 4	85 Percent
Fishing, Pilot, & Work Boat(s)	Tier 3	80 Percent
	Tier 4	85 Percent

Carl Moyer Program Project Completion Deadline for Crew and Supply Vessels Statewide



Engine Model Year	Total Annual Hours of Operation	Rule Compliance Date	Moyer Project Completion Deadline
2006 and Older	NA	No Surplus Emissions	No Funds Available
2007	> 300	12/31/2022	12/31/2019*

* Please Note: Project **MUST** Be Completed Prior to 12/31/2019

Application



- **Number of Engines**
- **Type of Engines**
- **Primary and Secondary Use of Vessel**
- **Operational Records**
 - **Hour Meter Required by CARB Since 2009**
 - **2 Years of Historical Hours of Operation are Required**
 - **Fuel Logs, Ledger Entries or Maintenance Records are Acceptable**
- **% of Total Operating Time within SCAQMD Boundaries**

Application (cont'd)



- **Engines (Old and New)**
 - **Size, Model Year, Make, Displacement, Horsepower**
- **Costs**
 - **Submit Vendor Quotes for Repower**
- **Transmission Justification (if necessary)**
- **Funding Amount Requested**
- **EPA and/or CARB Engine Certification**
 - **New Main & Auxiliary Engines**
- **Submit a Copy of Current CHC Initial Report**

Ranking & Funding



- **Meet Requirements**
- **Cost-Effectiveness**
- **\$30,000/ton (NO_x + ROG + 20*PM)**
- **Priority Funding Established for Disproportionately Impacted Areas**
- **Minimum Project Life is 10 Years**

Required Pre-Inspection



- **Projects MUST be Pre-Inspected Prior to Any Work Commencing.** Engines Must Be:
 - Fully Operational
 - Have Appropriate Engine and Chassis Tags Which are Clearly Legible and Show
 - ✦ Engine Make/Model, Year, Fuel Type, Engine Family, Engine Tier, Serial Number, VIN Number and Any Additional Information Pertinent to the Project
 - Have Appropriate Working Meters to Verify Hours Claimed in the Application
- Documentation that the Fleet, Engines, or Equipment is in Compliance with Applicable Rules or Regulations
- **Failure to Obtain a Pre-Inspection Will Result in Contract Cancellation and Loss of Awarded Funding**

Required Post-Inspection



- A Post-Inspection Must be Conducted Prior to Paying Invoices
- It is the Applicant's Responsibility to Contact the Assigned Project Officer to Request this Inspection
- The Post-Inspection Verifies that New Equipment/Engine are Consistent With What Was Evaluated in the Application
- Inspector Must Verify that Old Engine/Equipment is **Destroyed and Rendered Permanently Unusable**

Payments



- **Pre- & Post-Inspection Completed**
- **Old Engine Destruction Verified**
- **Itemized Parts & Engine Cost Identified on Submitted Contractor Invoice**
- **Installation Labor Cost is Eligible for Payment**
- **Dealer or Vendor Direct Award Payments are OK**

Deadline for Submittal



All Submittals Must be Received No Later Than:

Tuesday, June 5, 2018

by 1:00 p.m.

Contact Information



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