



OIL & GAS

ABU DHABI, UAE

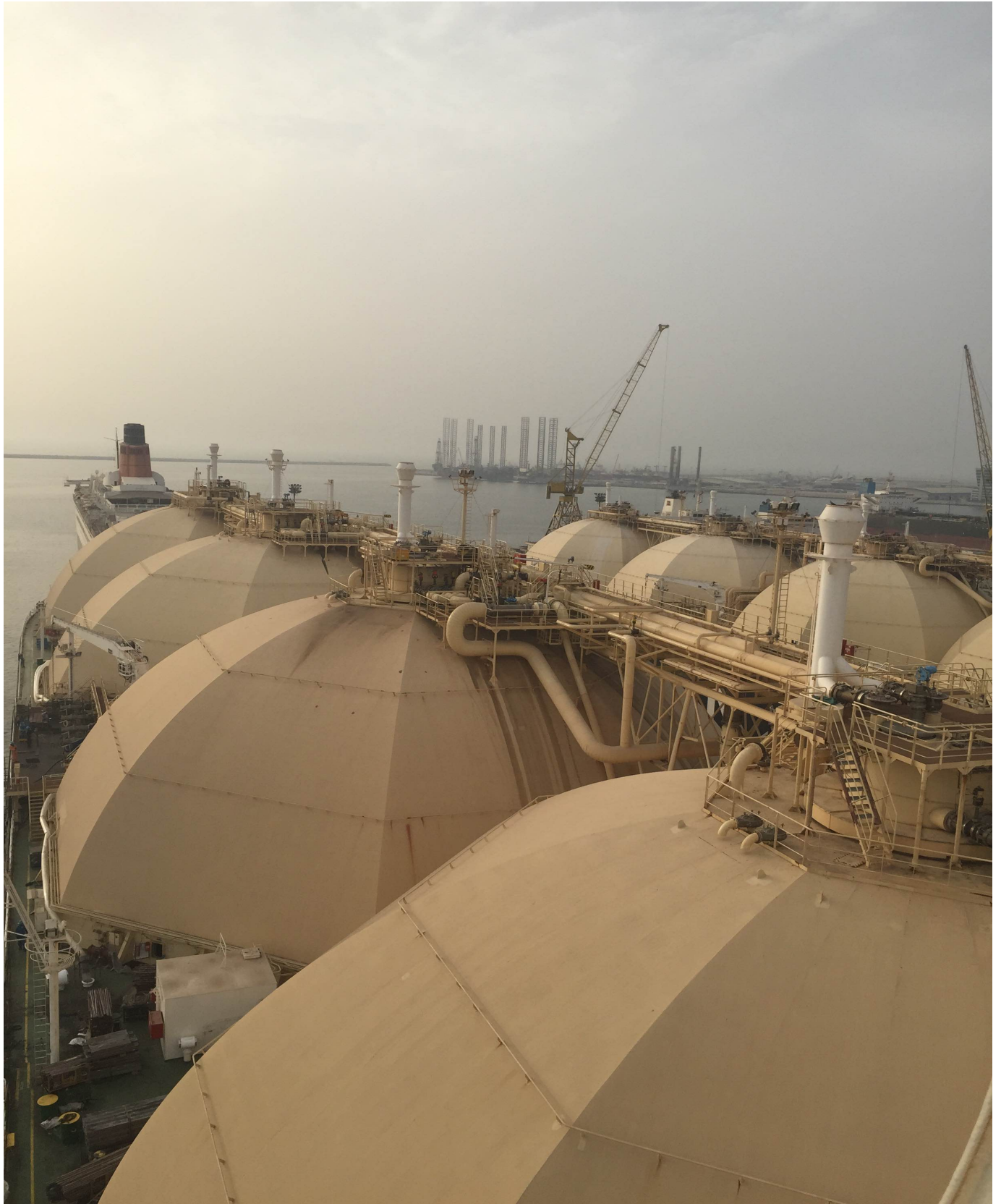
Marine Environment in Abu Dhabi LNG Tanker, VELA Crude Super Tanker and Oman Approvals

The client ADNATCO is owned by Abu Dhabi National Oil Company (ADNOC's) marine transportation company for crude and gas shipments, primarily sent to Asia. The application took place last week in Dubai Dry Docks on two separate vessels, on the monkey islands. We are expecting a large order this year from ADNATCO to paint the entire decks of 2 vessels with RG & EG. The parent company ADNOC conducted detailed laboratory testing (Attached, not for public disclosure) confirmed that Rust Grip & Enamo Grip can outperform the traditional 3 coat system, even when Rust Grip is applied WITHOUT SANDBLASTING @ around 400 micron DFT. The report is very convincing.

With with the lab testing, and field trials complete this was our first paid application by ADNOC, and we expect more to come.

I have also attached other marine references like Vela International, both ADNOC and Vela are well known in the marine industry, and should raise some eyebrows if you run into a marine opportunity.

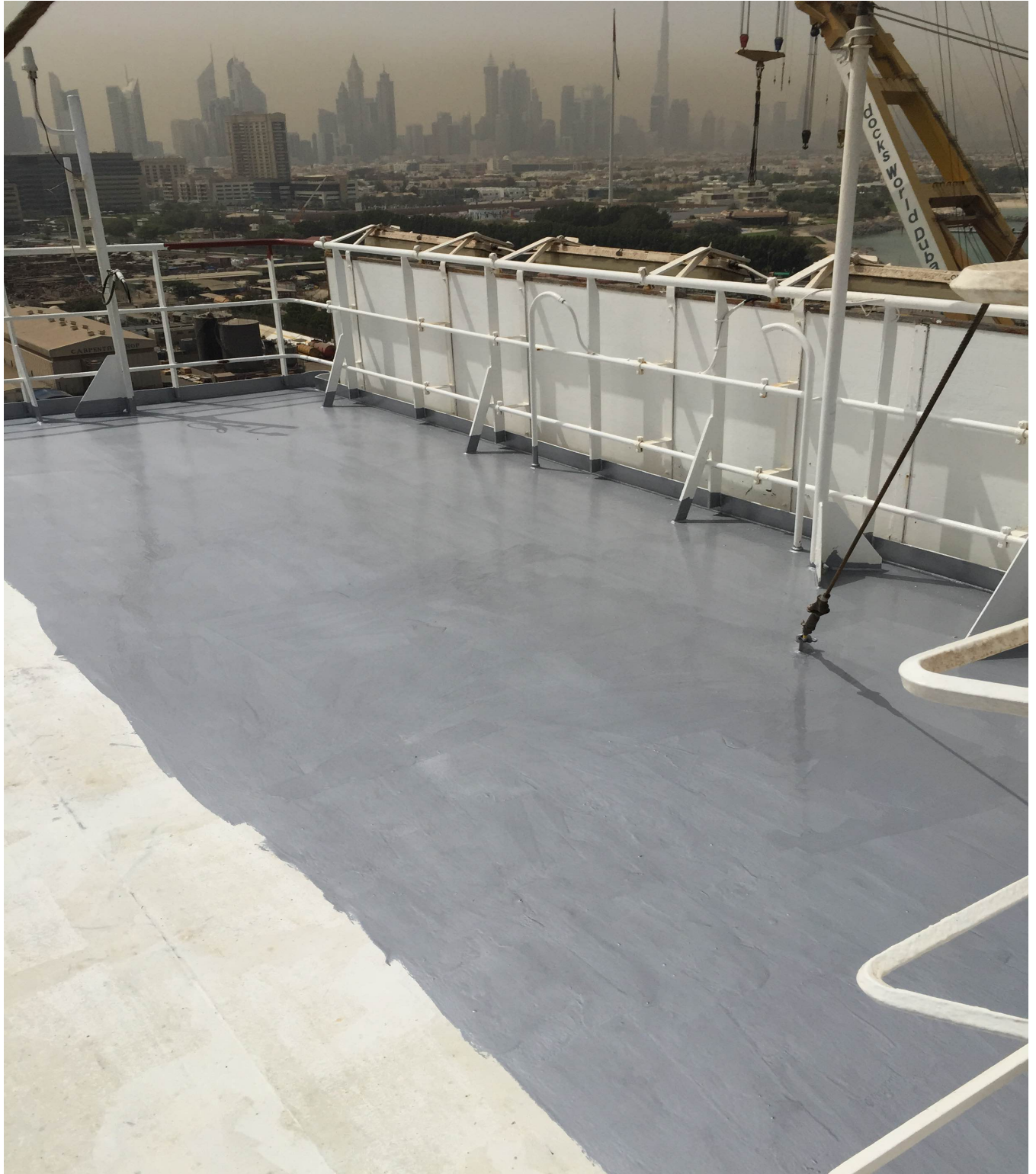
















Marine LNG Tanker Abu Dhabi IMG_2479



Vela International (Aramco)

Alphard Star VLCC (June 2011)

The Alphard Star was coated with Rust Grip, Super Therm and Enamo Grip. The same award winning SSPC coating system to stop rust, block heat, and provide superior durability.

The application was carried out at ASRI DryDocks in Bahrain. The ship is currently being monitored as a pilot study by Vela.









Marine Oil Tanker Vela International (Aramco)







Rust Grip & Super Therm on Vela Alphard Star VLCC Update



Katkowski, Andrzej X <andrzej.katkowski@vela.ae> Feb 21

to *Vela, Alphard, me

Good day

It would be good idea to assess performance of this coating.

Could you please prepare some measuring scheme for taking a reading of:

1. Air temp
2. Deck temp measured from out side
3. Deck temp measured from inside
4. Air tem inside

Could you please make this measurement 3 times a day if possible 08:00, 12:00 , 16:00?

I think that doing this for 2 weeks could give us good picture about coating performance

Please advice if there is a remote temp reader which would be perfect for checking the deck temp.

Best regards

Andrzej Katkowski

Superintendent

050 4564530

Rust Grip & Super Therm on Vela Alphard Star VLCC Update

From: Alphard Star (Dubai)
Sent: Thursday, February 23, 2012 12:22 PM
To: Katkowski, Andrzej X
Subject: RE: FW: SPI Coatings: Alphard Star Review

Andrzej,

Have carried out the surface temperature measurement as per given instruction.

Temp. Instrument used - IR thermometer (as the most handy)

Three decks coated with different paint have been measured at 13.00hrs on surfaces exposed to direct sunlight and the readings are as follow:

1.Red standard deck paint (bridge wing) – 53.5 deg C

2.White standard deck paint (Monkey island) – 38.0 deg C / 32.1 deg C (underneath surface from bridge compartment)

3.SuperTherm paint on deck (above C/E cabin) - 34.7 deg C / 27.2 deg C (surface from C/E cabin)

Note

Pos.2&3 – second temp. readings were taken from corresponded underneath located: pos.2-on the bridge and pos.3-C/E cabin.

Rust Grip – photo attached

The paint is in perfect condition since first application, no bubbling, pitting and paint undercutting observed.

Rust Grip & Super Therm on Vela Alphard Star VLCC Update

Our observations:

Although only D-deck and C-deck tops have been coated with SuperTherm there is a significant temp. difference in the cabins, which are fully exposed to sunlight. It would be better effect of course if such product could be used on accommodation bulkheads too.

In my personal opinion it was a right decision to apply such H-Tech coat.

Best regards,

Pawel/Marek

Arin Shahmoradian <gulfbrands@gmail.com> Jun 17

to khalta0d, Andrzej, bcc: Ahmed, bcc: Khalifa

Dear Mr. Katkowski,

Hope you are doing well. This is Arin from Gulf Brands, you may recall speaking with me a few months ago regarding our application of thermal and corrosion resistant paints on the Alphard Star. The last time we spoke, we both agreed to re-test again in the summer time.

I was hoping you could coordinate another temperature test & visual inspection from aboard the Alphard Star.

At the request of Aramco CSD and R&D, I have also CC Mr. Turki Al Khaldi, who is interested to know about the condition of the Rust Grip primer, which was coated directly over the rusted steel without blasting. This coating is now under the Aramco approval process.

If you would be kind enough to repeat the tests and inspection (highlighted below), it would be of great help to us.

Also, any pictures would be greatly appreciated.

Thank you again Mr. Katkowski for all your continued help.

Regards,

Arin Shahmoradian

Rust Grip & Super Therm on Vela Alphard Star VLCC Update

From: Alphard Star (Dubai)
Sent: Saturday, July 07, 2012 3:46 PM
To: Katkowski, Andrzej X
Subject: RE: SPI Coatings: Alphard Star Review

Good day Gentlemen,

According to your request please find the following:

Outside temp 34C

Red standard paint (ship's port wing) – 56.4C

Monkey island standard white paint – 44.6/40.3 underneath surface from bridge compartment

SuperTherm paint (above C/E cabin) – 42.0/28.3 underneath surface from C/E cabin

Rust Grip paint condition – as per attached photo. Please note discolored paint is caused by heavy aggressive environment (acid occurred from soot due to close funnel vicinity). No rusty spots, bubbling or pitting noted on entire surface recently painted with Rust Grip.

Best regards,

Pawel/Marek

Rust Grip & Super Therm on Vela Alphard Star VLCC Update

JE Pritchett <jepritchett@spicoatings.com>

Jul 8

to **Jacob, Charley, Logan, Josh**, me, juli, Timothy, Craig, USA, Boris

Here is the most important and highlight to anyone wanting to know the difference between white paint and SUPER THERM.

When we have talked about "loading" of heat, you have a perfect example.

White paint surface was 42.6C while SUPER THERM surface was 40.0C which could easily be due to the ambient around the atmosphere of the coating surface.

Now comes the difference in performance: Under the deck plate, the white paint is 40.3C and the SUPER THERM is 28.3C or a 12C difference which is a black and white comparison of what we mean by "loading" of heat and how SUPER THERM blocks this.

J.E.



شركة مبارك البحرية
م.م.م
MUBARAK MARINE LLC

May 3, 2011

Mr. Ahmed Al Haidan
Managing Partner
Gulf Brands L.L.C.
P.O. Box 28138
Dubai, U.A.E.

Dear Sir,

After meeting your company at the Off Shore Arabia Conference in April 2010, we decided to use Rust Grip on the deck of our ABS Class vessel Mubarak Challenger. It has now been over a year, and there are still no signs of corrosion development as originally promised by your company.

We also coated the roof of the engine room with Super Therm to reduce heat and sound transfer to the upper living quarters. Additionally we used 3mm of Hot Surface Coating to reduce the surface temperature of the hot pipes running throughout the engine room. Both Super Therm and Hot Surface Coating have done exactly what you promised, and continue to perform under extreme marine environments.

We look forward to using the same products on other vessels in the near future.

Technical Department
Mubarak Marine L.L.C





شركة أدنوك ليندي للغازات الصناعية المحدودة
ADNOC Linde Industrial Gases Company Ltd.

08th Dec 2014,

Abu Dhabi.

From,
Sujith Pillai,
Mechanical Maintenance Manager,
ADNOC Linde Industrial Gases Company Ltd,
Abu Dhabi, UAE.

To,
Tunb Oil & Gas Equipment Trading LLC,
P.O. Box 133497
Abu Dhabi; UAE.

Sub: Product Appreciation Letter

On behalf of ADNOC Linde Industrial Gases Company, I am writing to express our appreciation on the Rust Grip protection coatings delivered by you. We have been using the coating for the corrosion prevention in our plant since one and half years. The coating offers better resistance especially in the vicinity of Cooling Tower which is operated with sea water.

We'll be sure to keep your company in mind for any future applications.

Thanks & Regards,


Sujith Pillai



From: Maskiry, Suleman UEOC16 [mailto:Suleman.SM.Maskiry@pdo.co.om]
Sent: Thursday, October 10, 2013 8:16 AM
To: 'Julfikur Rahman'
Cc: 'Ibrahim Al-Sulaimi'
Subject: RE: APPROVAL FOR RUST GRIP - SUPERIOR PRODUCTS INTERNATIONAL,USA

Julfikur, Ibrahim,

This is to confirm that the coating product 'RUST GRIP' manufactured by Superior products international has successfully passed the qualification requirements/tests stated in SP1246 PCS's 1,3,4,6 & 11A (as shown in below table). Therefore PDO has accepted RUST GRIP coating product for the designated PCS's system.
The surface preparation shall comply with SP1246 part 4 requirements.

Regards
Suleman

SPI coating system applied on Safaniya 5 Vessel (ARAMCO MARINE)

Rusted Chiller Floor



Rust Grip



Rust Grip applied on Floating Dock at Saudi Aramco Marine

