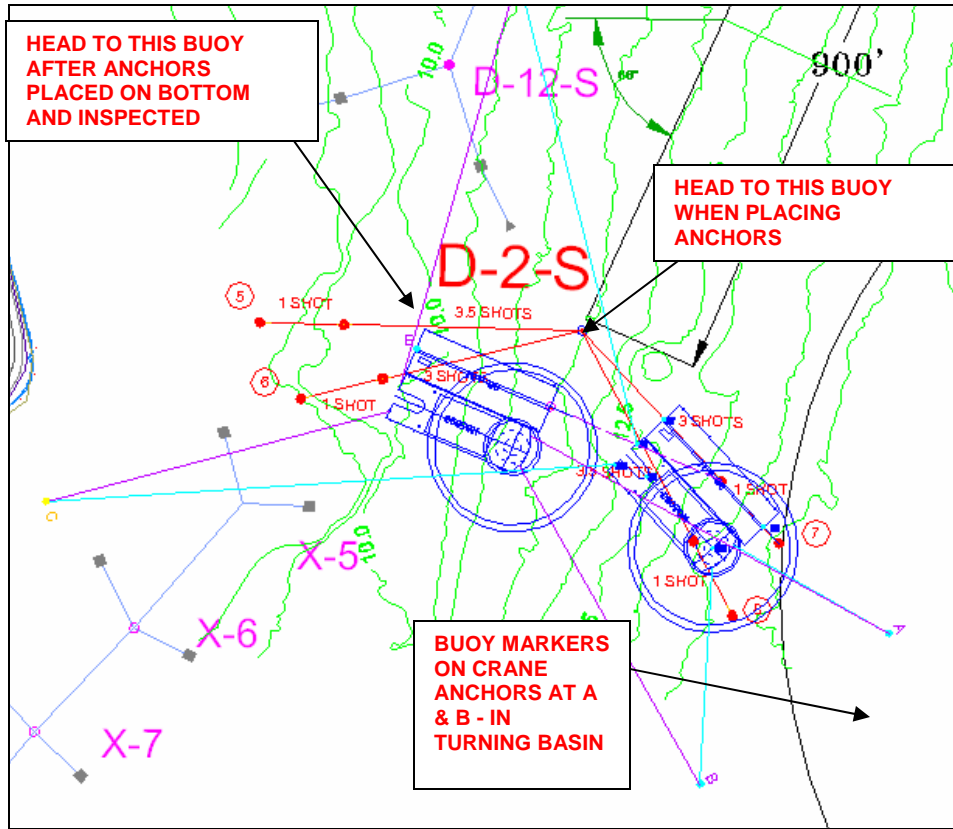


LEG 7



4-PT MOORING PLAN FOR LEG 7 INSTALL

From: < Fleet Mooring Engineer >
To: "Sakamoto Surveying Office " <info@svb.jp>
Sent: Wednesday, July 15, 6:02 PM
Subject: Re: legs 3 & 4 4-pt mooring coordinates
> >

Last sentence just means that your survey team in small boat can check that Navy mooring leg anchors are installed in right locations rather than Navy Survey Trimble.

Attached are the 4 point mooring arrangements for legs 7 & 8. Note that we have to avoid the small 4 each fleet mooring buoys near anchor "C" location. Also, again, water depth at legs 7&8 too deep for spuds at the anchor install locations.

S&C

Fleet Mooring engineer

----- "Sakamoto Surveying Office" <info@svb.jp> wrote:

> Fleet Mooring Engineer
> Mr. S&C
>
> All noted, thank you.
> Concerning to your request that we locate 4 anchoring points(A-D) for floating crane by ourselves,
>now we are referring to Mr. K.S. on this matter. Please wait for a moment for his authorization.
> For your last sentence, we are afraid we don't understand your plan clearly, could you show us your
>concrete ideas in other words?
>
> Ken Sakamoto
> Sakamoto Surveying Office
>
> P.S. Please let me remind you of a carton of Budweiser which we bet, yesterday.
> It will be so cool for every staff in this hot summer season.
>
> ----- Original Message -----
> From: < Fleet Mooring engineer>
> To: "Sakamoto Surveying Office " <info@svb.jp>
> Sent: Tuesday, July 14, 9:29 PM
> Subject: Re: legs 3 & 4 4-pt mooring coordinates
>
> Sakamoto-san

>
> I will have the coordinates for markers A through D for barge 4-pt mooring as well as the barge and
> Navy barge reference points for legs 7 & 8 in the early am.
>
> I would like for your surveyors in your small boat to place the marker buoys for your barge 4-pt
> mooring system for legs 7 & 8, if possible.
> We will still make up the marker buoys for you and can provide in am on Thursday 16 July for next
> mooring leg pair installation
>
> Also plan on doing the survey checks on the anchor installs for the remaining legs.
>
> S&C
> Fleet Mooring Engineer
>
>
> ----- "Sakamoto Surveying Office " <info@svb.jp> wrote:
> > Mr. S&C
> >
> > Good morning. All noted. Let's have a good day today.
> >
> > Ken
> > ----- Original Message -----
> > From: < Fleet Mooring Engineer >
> > To: "Sakamoto Surveying Office " <info@svb.jp>
> > Sent: Monday, July 13, 8:42 PM
> > Subject: Re: legs 3 & 4 4-pt mooring coordinates
> >
> >
> > Sakamoto-san
> >
> > Thank you for pointing out error on line N1-N2. Error was due to me picking wrong line on YCV
> > figure to get coordinate of center of stern bolster on Navy barge.
> >
> > Correct Japanese 2000 coordinate is E -18031.38 N -79718.92
> >
> > S&C
> > Fleet Mooring Engineer