

LD 19 Crane Incident and Recovery

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Rock Island District



**US Army Corps
of Engineers®**





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ROCK ISLAND DISTRICT

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ROAD CRUISER

10/26/2011



10/26/2011





DANGER
Bila tidak
ikutnya keselamatan

10/26/2011



10/26/2011



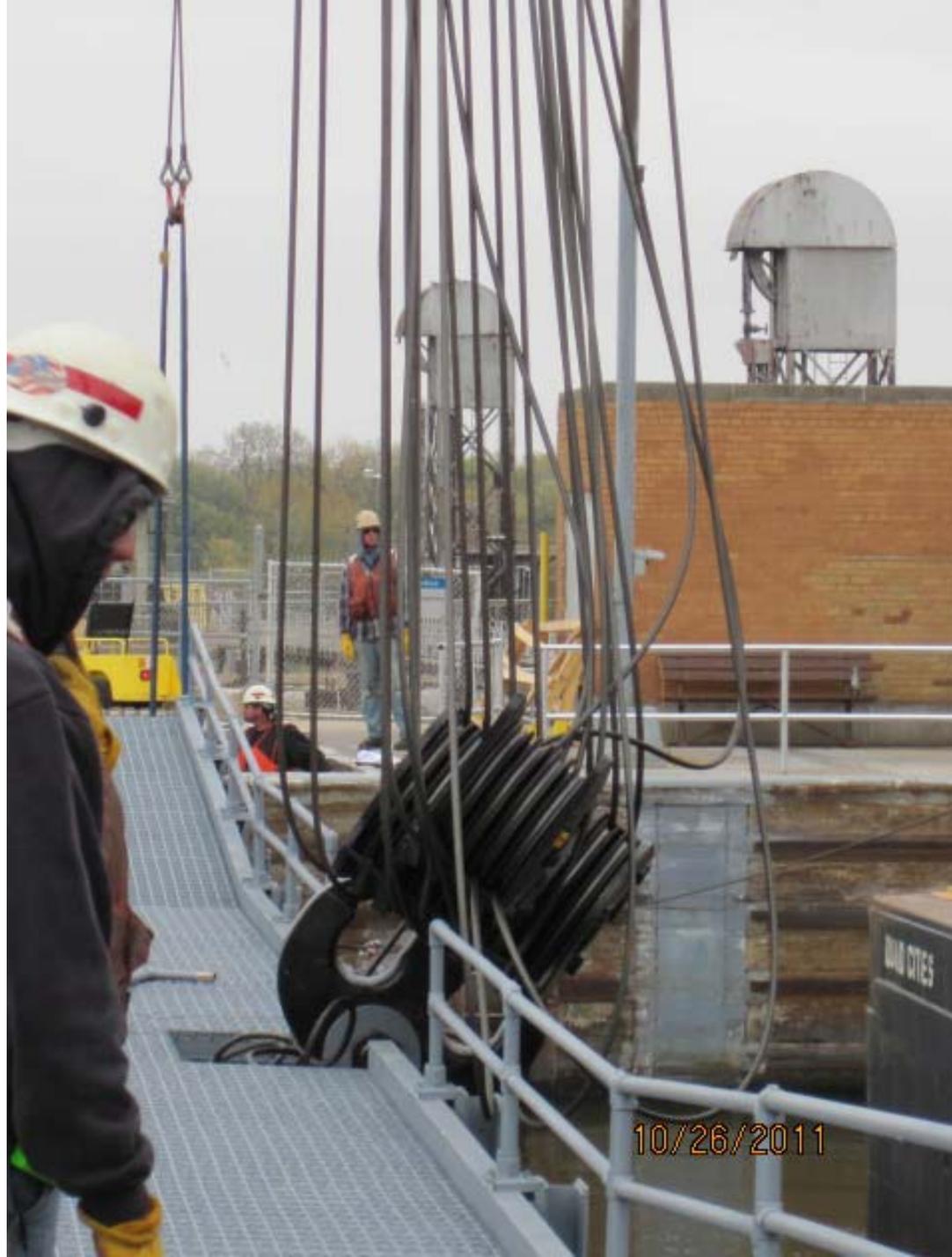
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Danger
Wear Mask
Extreme Substances

10/26/2011



10/26/2011



Danger
Water Intake
Extreme Turbulence

10/26/2011



10/26/2011



10/26/2011



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SEOKUK PLANT



DANGER
- NO -
SMOKING







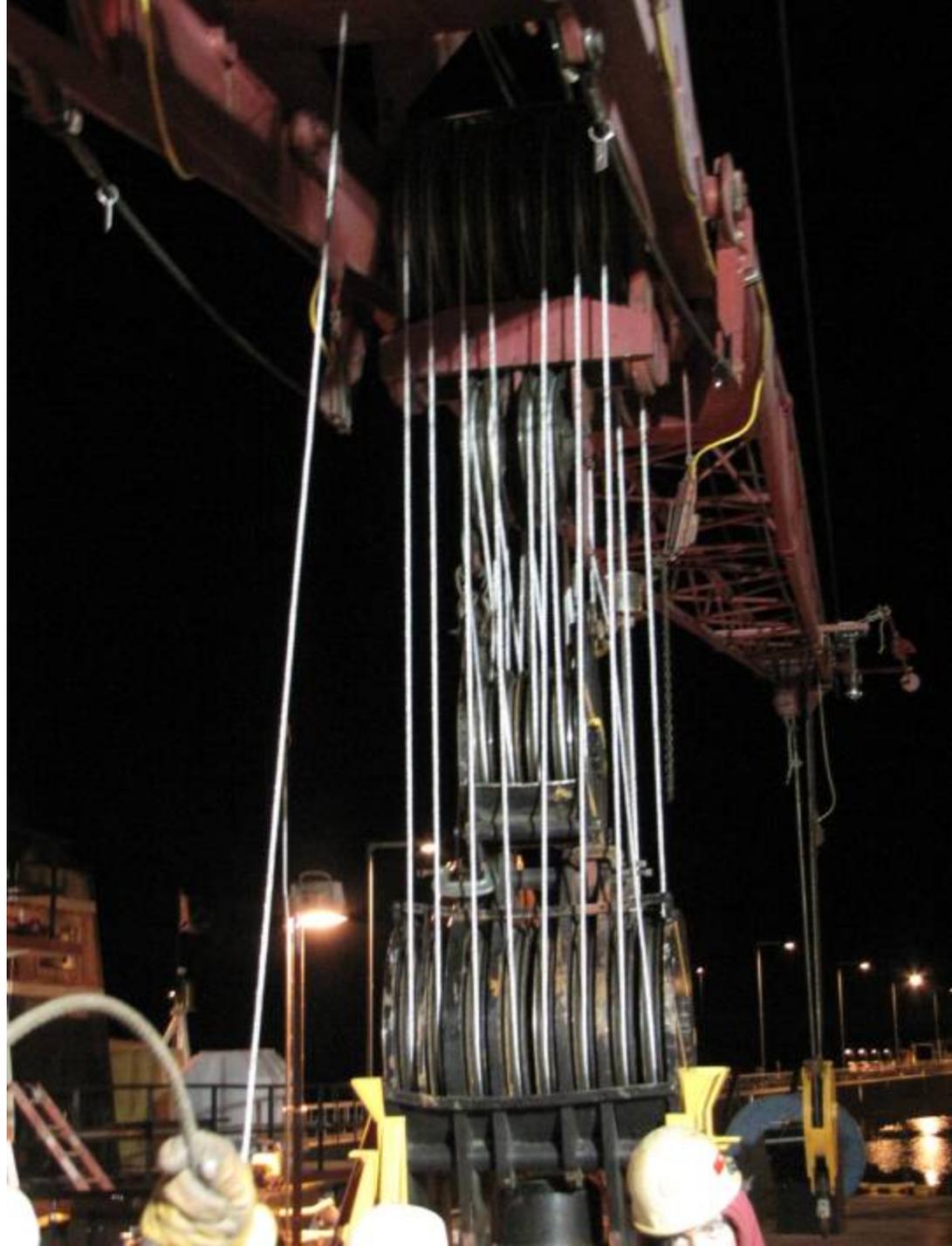
O.C. BARGE

ABLE
-
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NO
SMOKING

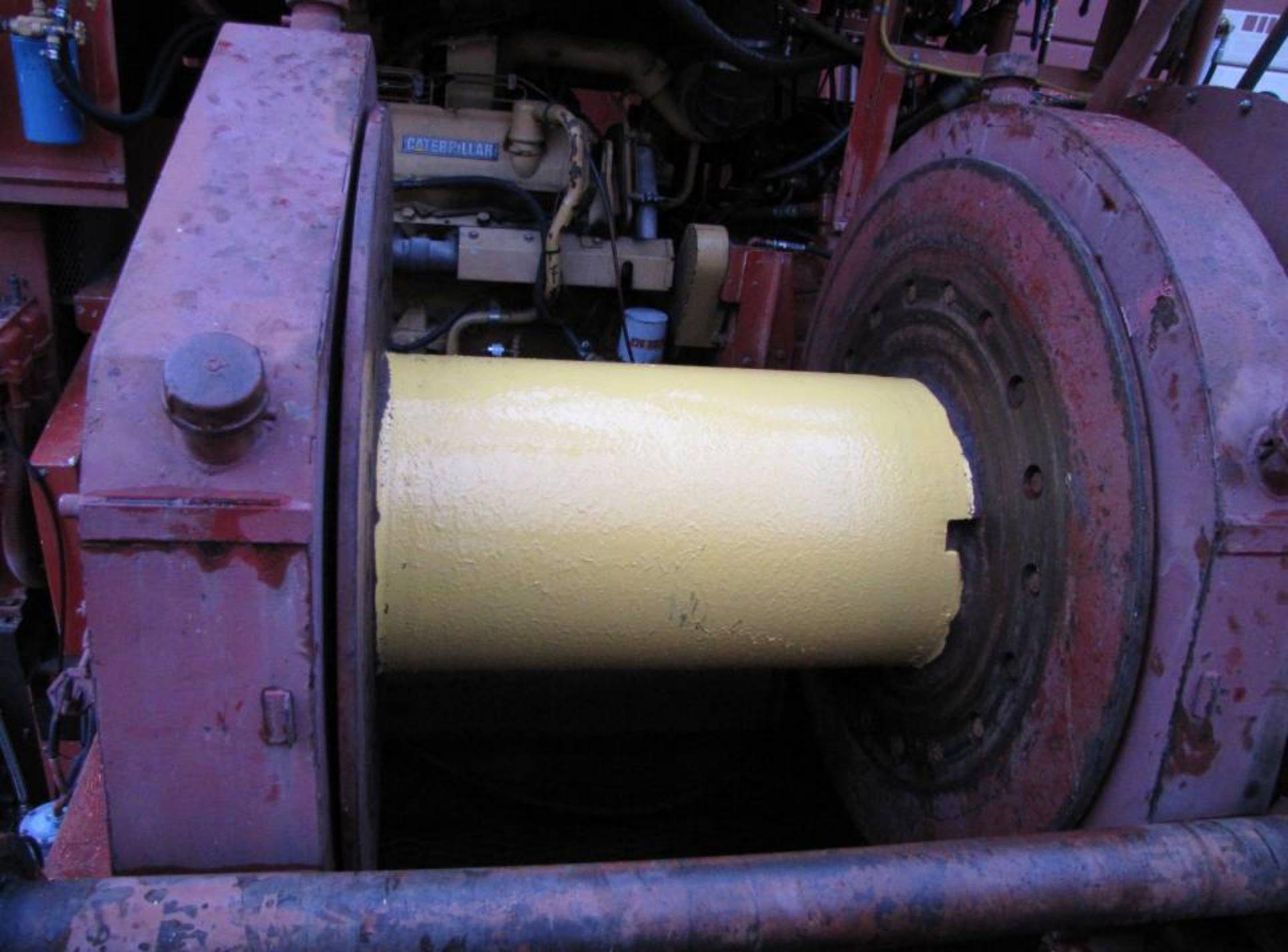




























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DB-768

DANGER
CRANK SWING
AREA

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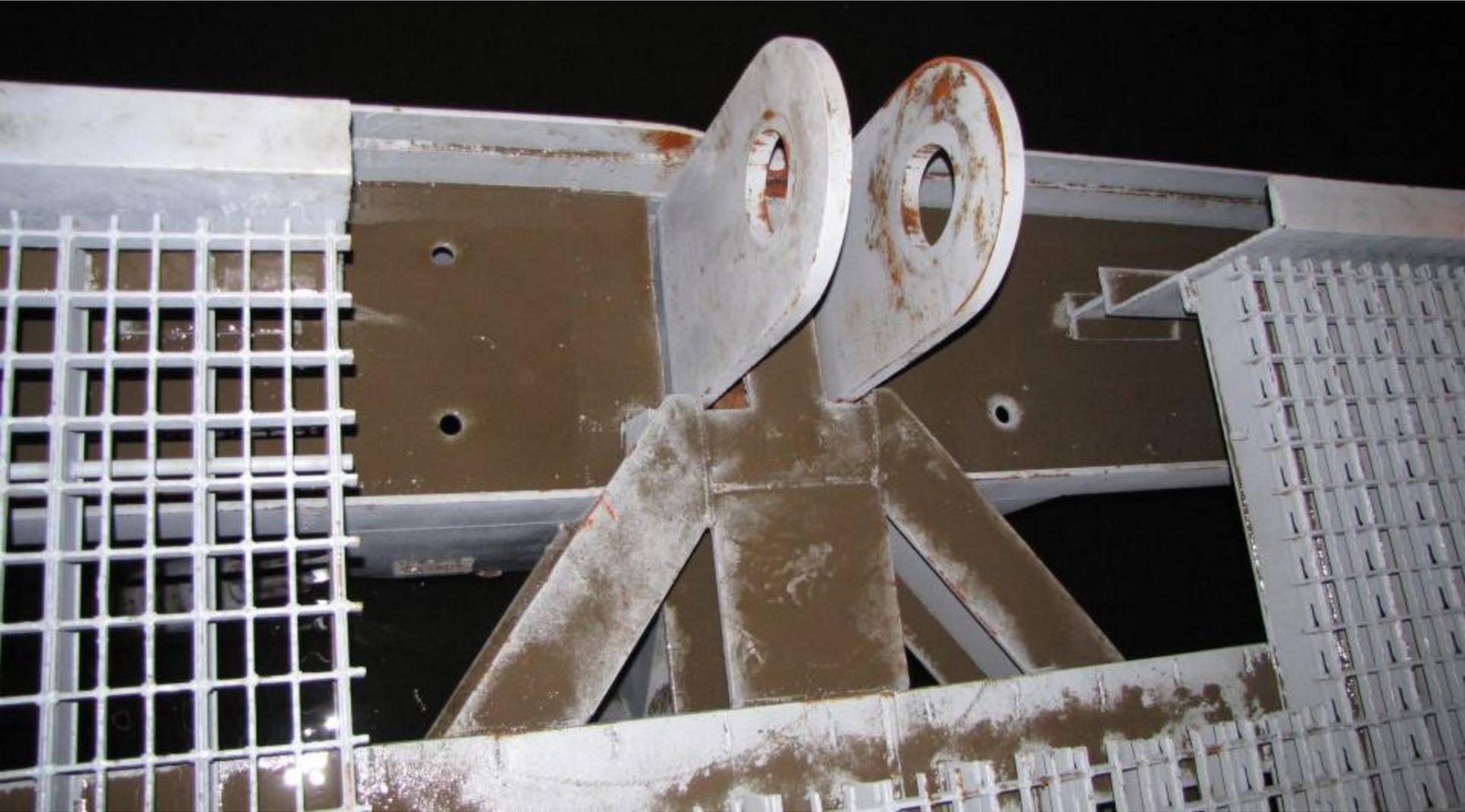






















ROCK ISLAND
U.S. MAR. COM. OF INDIANA

ROCK ISLAND
DISTRICT

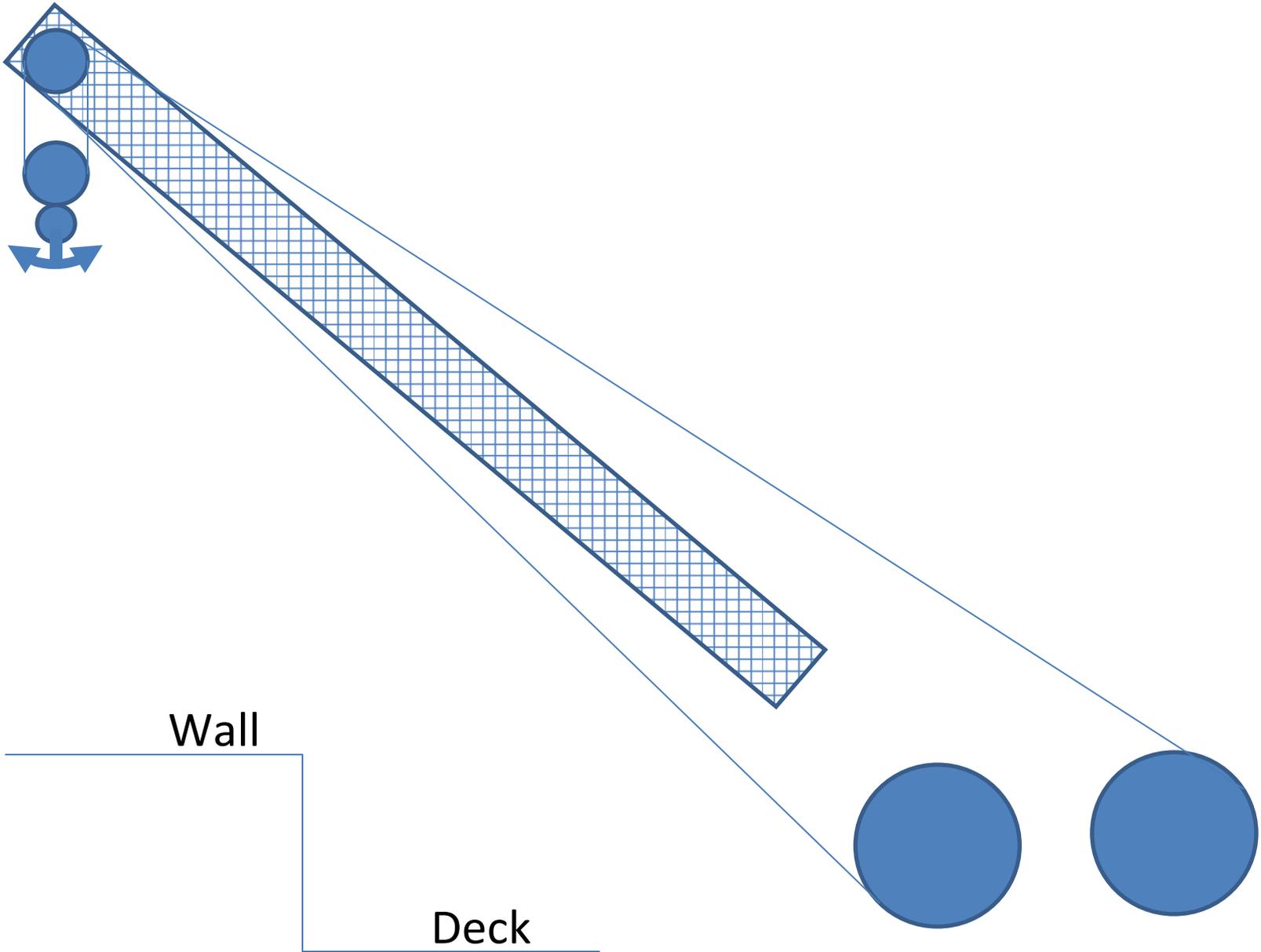


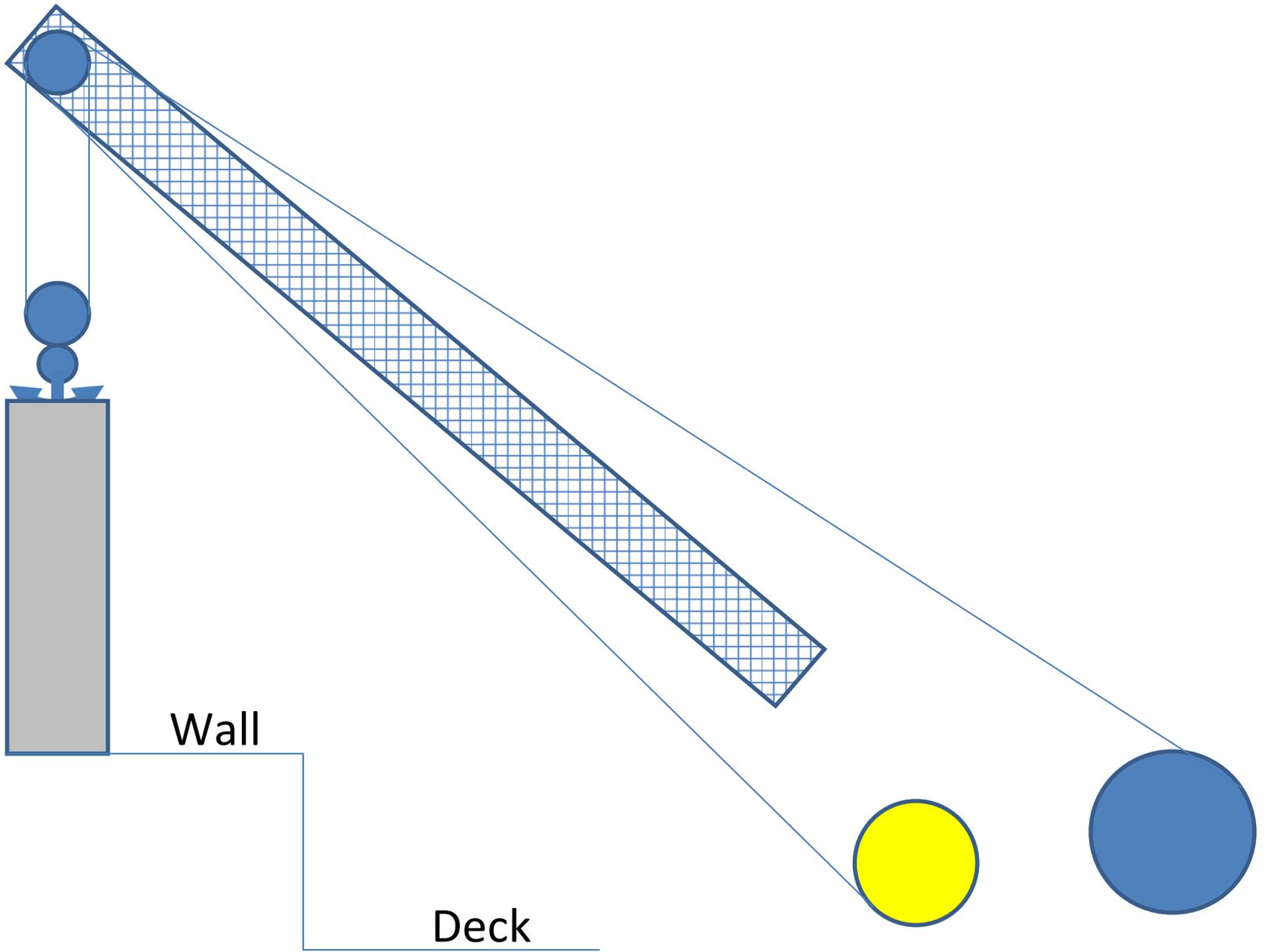
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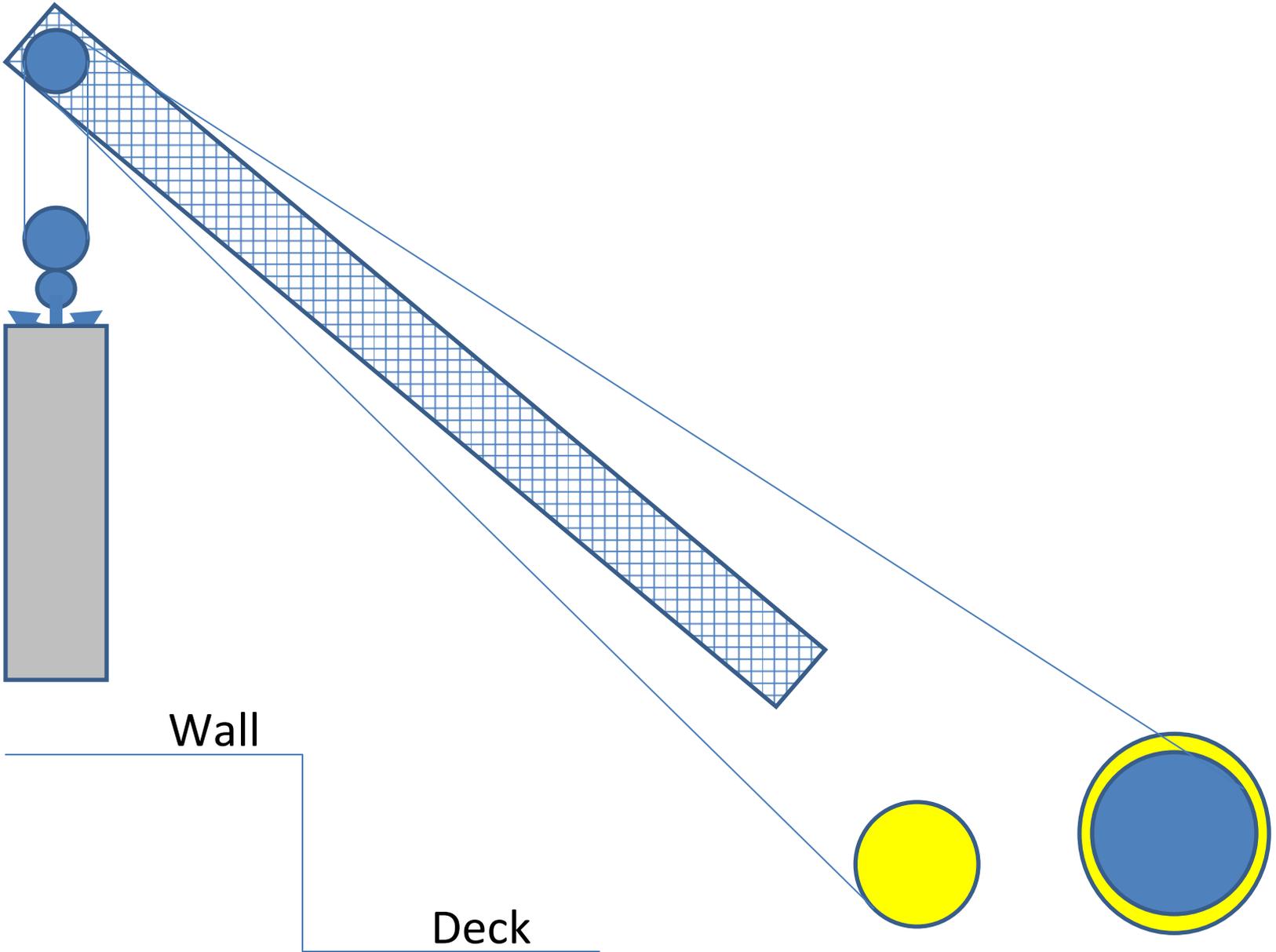
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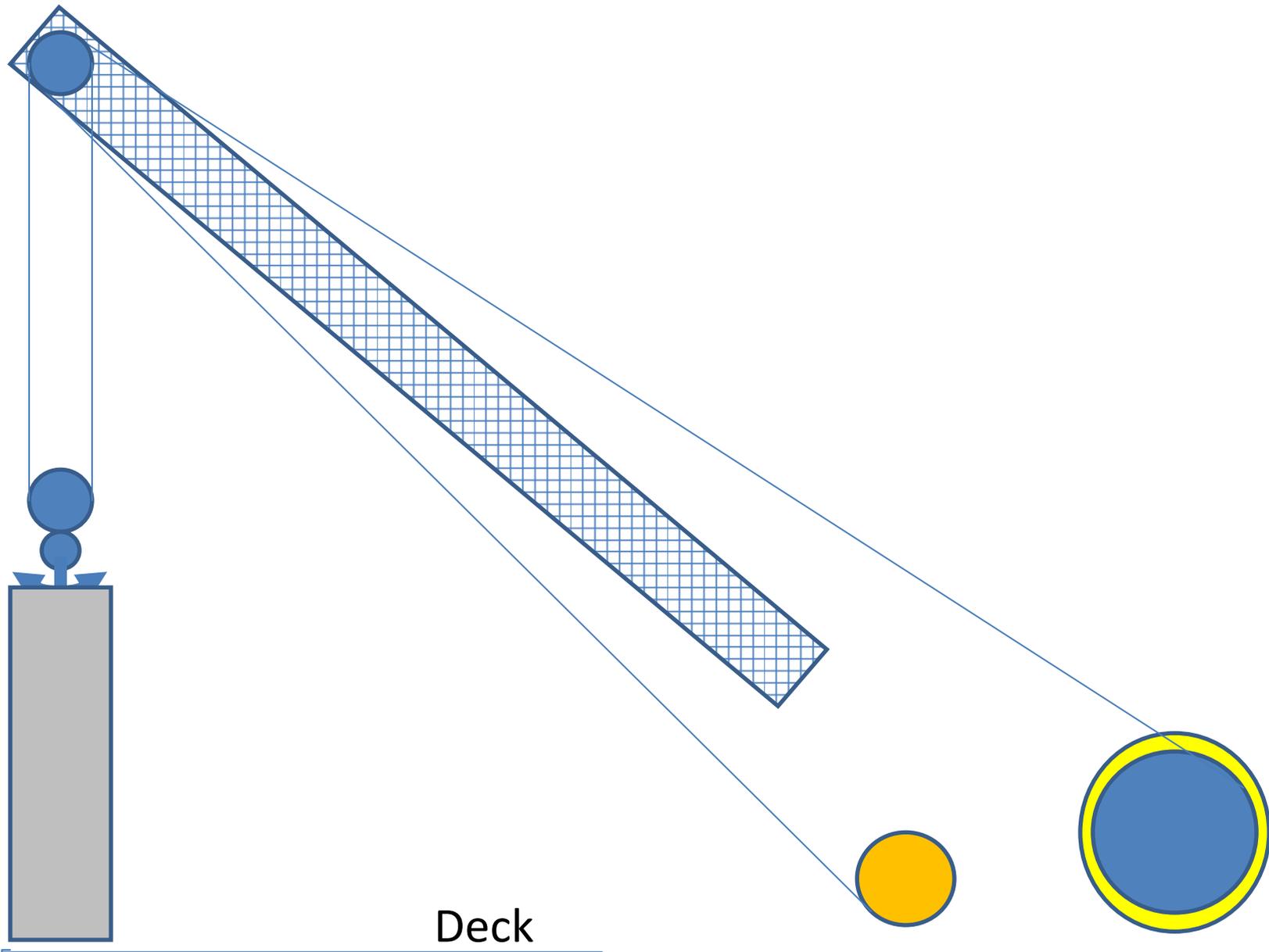
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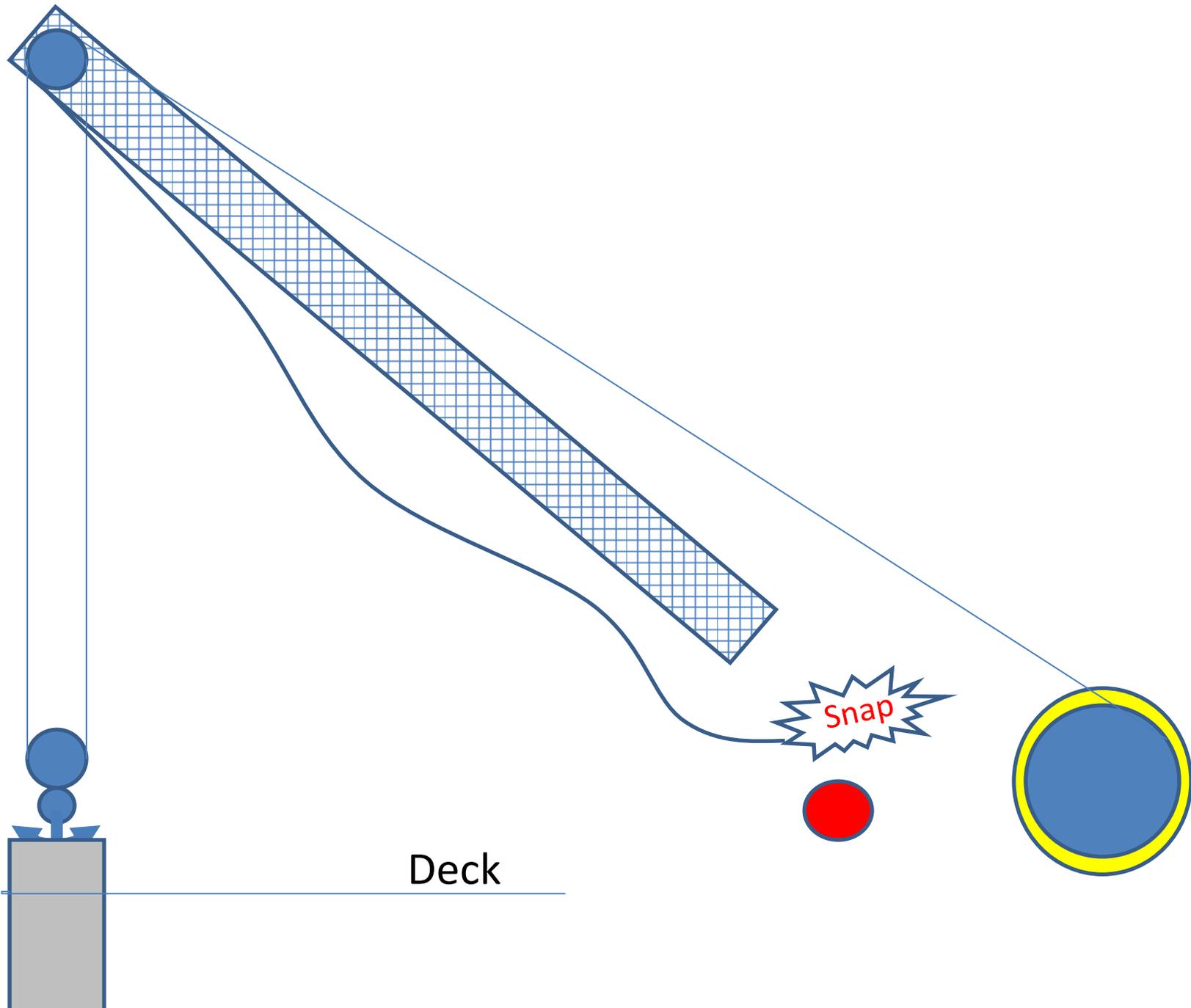












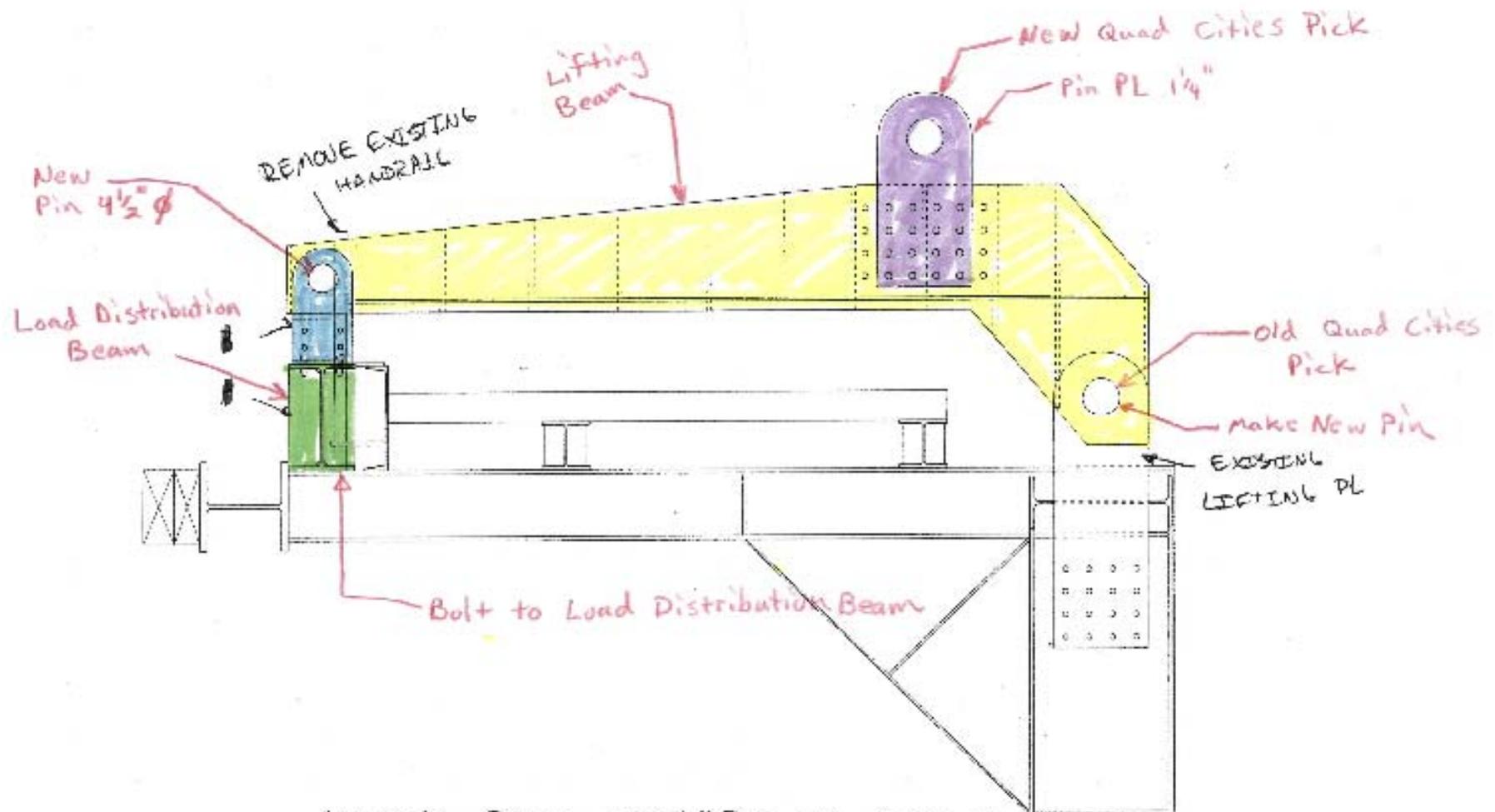
Deck

Snap

After Action Review

Lessons Learned / Action Items

- Need for additional inspectors from the crane manufacturer service dealer. Anticipate contractor assistance and ensure enough resources are available to reduce critical path timeline.
- Pursue different lift plan for gate, i.e. remove walkway or lifting device.
- Clearly identify who is in charge while doing dive operations that involve crane.
- Include consideration of all outside influences (AMEREN-UE) include in dive plan and heavy lift plan.
- Consider plan for multiple shifts or added resources in an emergency.
- Re-institute Certified Weld Inspector (CWI), already ongoing, review welder qualifications.
- Provide additional underwater cutting training for divers.
- Order additional spool of crane wire to ensure spare is always available onsite.



LIFTING BEAM ATTACHMENT TO GUARD GATE

After Action Review

Continuation of Good Practices

- Overall Safety: When tipping line was holding gate everyone should get away from the crane. People should be away from hazard points, around ringer, in fall path of boom, etc.
- Timely, very good response from Contracting in allowing us to get the things we needed.
- Good communication between field, Project Office, and District Headquarters.
- Good working relationships already built with contractors including; supply, sling, and crane service contractors. Previous history working closely together expedited repair/recovery and made it much easier.
- People kept cool heads. Everyone worked together and maintained good attitudes.
- Excellent support up the chain of command. Didn't have to wait for the inspection team to arrive or the lock would have been closed for at least another week.
- Good access to plans/pictures/drawings both locally and from engineering support.
- Great leadership on-site, breaking things down in steps and several people stepped up who weren't usually leadership positions.
- Highly experienced dive team made working in uncertain conditions possible.