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## SAFETY ALERT No. 17-05

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### IMCA Safety Flashes 2014-2016

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#### 1. Introduction

- 1.1. The International Marine Contractors' Association (IMCA) exists for the benefit of its members across the offshore, marine and underwater engineering industry.
- 1.2. The Bahamas Maritime Authority (BMA) is a corresponding member of IMCA and enjoys close cooperation with IMCA on areas of mutual concern.
- 1.3. IMCA publishes regular "Safety Flashes" summarising key safety matters and incidents. Whilst IMCA Safety Flashes specifically address issues in the offshore industry, many of the lessons learnt from incidents can be applied to other sectors of shipping.
- 1.4. The BMA has been highlighting IMCA Safety Flashes since 2014 and will continue to highlight future Safety Flashes as they are published<sup>1</sup>.
- 1.5. This Safety Alert summarises all IMCA Safety Flashes from 2014 to 2016 and replaces all BMA Technical Alerts which referred to IMCA Safety Flashes.

#### 2. IMCA Safety Flashes 2014

- 2.1. There were 19 IMCA Safety Flashes issued in 2014.

2014 Safety Flashes can be downloaded from the IMCA website at:  
<http://www.imca-int.com/safety-environment-and-legislation/safety-flashes/2014.aspx>

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<sup>1</sup> This Technical Alert is provided by the Bahamas Maritime Authority with the aim of highlighting incidents, lessons learnt and to increase awareness, which may help avoid similar incidents occurring elsewhere. Any queries on the content of the information provided should be referred to the party providing the information.

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- 2.2. IMCA Safety Flash 01/14 - January 2014
- i. Uncontrolled descent of diving bell*
  - ii. High potential dropped object: Rigger struck by falling object*
  - iii. Poor cargo stowage: Material damage on container*
  - iv. First aid injury: Deep cut to forearm*
- 2.3. IMCA Safety Flash 02/14 - February 2014
- i. Hose Fire Caused by Flashback in Oxygen & Acetylene Hoses*
  - ii. Fatality in Ballast Water Tank - Working at Height in a Confined Space*
  - iii. Damaged Wire Rope Slings*
  - iv. Vibration-Induced Fatigue on Process Pipework*
- 2.4. IMCA Safety Flash 03/14 - March 2014
- i. Loss of Consciousness Due to Exposure to H<sub>2</sub>S*
  - ii. Dropped Fluorescent Light Tube*
  - iii. Entanglement in Moving or Rotating Machinery*
  - iv. Fire and Subsequent Foundering of Wind Farm Support Workboat*
  - v. Watertight Doors Left Open at Sea*
- 2.5. IMCA Safety Flash 04/14 - April 2014
- i. LTI - Thumb Laceration*
  - ii. Near Miss: Failure to Reconnect Fire Suppression Systems*
  - iii. Oil Spill Incident*
  - iv. Potential Dropped Objects Found Lodged in Holes on a Freight Container*
  - v. Lower Stairwell Step Collapses Causing Injury*
- 2.6. IMCA Safety Flash 05/14 - April 2014
- i. Decompression Illness (DCI) Incident during Routine Decompression of Divers from Saturation*
  - ii. RWC: Injury to Foot Caused By Moving Roller*
  - iii. Snubber Failure*
  - iv. EPIRB Precautionary Bulletin*
  - v. Overloading Leads to Catastrophic Failure of Crane Boom*
  - vi. Misuse of Beam Clamps as an Electrical Earth*
- 2.7. IMCA Safety Flash 06/14 - April 2014
- i. Fatality During Air Diving Operations*
  - ii. Near Miss: Strong Sun Glare Contributes to Heavy Impact on Boat Landing*
  - iii. Near Miss Incidents during Personnel Transfer to Offshore Renewable Energy Installations*
  - iv. Navigational Near Miss in Restricted Visibility*
  - v. Hand Injury - Grease Injection into Small Finger*

- vi. *Equipment Damaged by Waterspout*
  - vii. *Pontoon Compartment Explosion on Floating Roof Tanks*
- 2.8. IMCA Safety Flash 07/14 - May 2014
- i. *First Aid Injury: Thermos Cup Exploded After being in Hyperbaric Environment*
  - ii. *Hand Injury during Retrieval of Personal Protective Equipment (PPE) Stored Inside a Compressor Unit*
  - iii. *Crane Wire Rope Grip Incorrectly Fitted*
  - iv. *Crew Transfer Vessel in Collision with Anchor Wire*
  - v. *Injury Caused by Movement of Wire Rope under Tension*
  - vi. *Master Link and Sub-Link Failures on Lifting Equipment*
- 2.9. IMCA Safety Flash 08/14 - June 2014
- i. *Crewman Struck by Dropped Object*
  - ii. *Unsecured Object Lifted by Helicopter Downwash*
  - iii. *Crewman Suffered First Aid Injury during Cutting Operations*
  - iv. *Cutting Torch Hose Separates from Flame Arrestor*
  - v. *Near Miss: Potential Fire Hazard from Halogen Lamp*
- 2.10. IMCA Safety Flash 09/14 - June 2014
- i. *Serious Dropped Object Incidents*
  - ii. *LTI: Serious Hand Injury - Caught in the Bight*
  - iii. *First Aid Incident During at Sea Fuel Transfer - Mooring Lines*
  - iv. *Vessel Blackout During Close Standby*
  - v. *Pressure Vessel Systems - Response to Fatal Accident*
- 2.11. IMCA Safety Flash 10/14 - June 2014
- i. *Serious Engine Room Fire Whilst Divers in Saturation*
  - ii. *Fire in Engine Room on Platform Supply Vessel*
  - iii. *Fire in Engine Space on CTV (Crew Transfer Vessel)*
  - iv. *Engine Room Fire*
- 2.12. IMCA Safety Flash 11/14 - July 2014
- i. *Failure of Master Link during Subsea Lifting Operations*
  - ii. *LTI - Hand Severed During Mooring Operations*
  - iii. *LTI - Severe Hand Injury in Galley*
  - iv. *Near Miss: Collapse of ROV Launch & Recovery System (LARS)*
  - v. *Hydraulic Hose Failure Caused Collapse of Heavy Haulage Trailer*
  - vi. *Inadequate Snap Hooks on Life Jackets*
- 2.13. IMCA Safety Flash 13/14 - July 2014
- i. *Bell Re-claim Failure Resulting in Minor Injury*

- ii. Near Miss: Unauthorised Release of Shore Controlled Mooring Lines*
- iii. Failure of Lifeboat Release Hook Mechanism*
- iv. Main ROV Lift Umbilical Parted*
- v. Unplanned Vessel Contact with an Installation During Lifting Operations*
- vi. Potential Dropped Object - Poor Housekeeping*

2.14. IMCA Safety Flash 14/14 - August 2014

- i. High Potential Stored Energy Incident: Inner Buoyancy Module Clamp Failure During Removal*
- ii. Near Miss: Incorrect Length Retaining Screws Fitted on Divers Helmet*
- iii. LTI: Trip Incident*
- iv. LTI: Trip Incident during Routine Task*
- v. High Potential Dropped Object Incident*
- vi. Disposal of Pyrotechnics*
- vii. Lifting and Rigging Plans*

2.15. IMCA Safety Flash 15/14 - September 2014

- i. Dropped Object Near Miss - Unsecured Plastic Box fell from Load being Lifted by Mobile Crane*
- ii. 440V Electrical Shock Incident*
- iii. Diver Injured after being Trapped Underwater*
- iv. Alternator Bearing Collapse caused Small Fire*
- v. Confined Space Entry - Multiple Fatalities*
- vi. Marine Safe Australia - Hand Injuries*

2.16. IMCA Safety Flash 16/14 - October 2014

- i. Near Miss: Engine Room Flooding*
- ii. Dropped Object Incident*
- iii. Near Miss: Failure of Diving Helmet Communications Module*
- iv. Near Miss: Incident Involving Dry Bulk Pressure System*
- v. Ruptured Hydraulic Hoses*
- vi. Injured Party Struck by Tugger Wire Assembly*

2.17. IMCA Safety Flash 17/14 - October 2014

- i. LTI: Fall Overboard/Fall from Height*
- ii. Lithium Battery Pack Explosion*
- iii. Hydraulic Injection Injuries*
- iv. Uncontrolled Rotation of 9.6m Reel*
- v. Slips, Trips and Falls - Raising Awareness*

2.18. IMCA Safety Flash 18/14 - November 2014

- i. Failure of Bell Winch Clutch Coupling during Bell Recovery*
- ii. Master Link Failure during Testing of Overboarding Chute*
- iii. Hydraulic Umbilical Winch Operation - Trapped Thumb*
- iv. Injuries Sustained Whilst Trying to Stop Moving Objects*
- v. Dropped Object Incidents*
- vi. Near Miss: Inadequate Insulation of 690V Bars*

2.19. IMCA Safety Flash 19/14 - December 2014

- i. Injuries due to Failure of Diver's Emergency Gas Cylinder*
- ii. Confined Space Entry Fatality*
- iii. Near Miss: Dropped Object from Cargo*
- iv. Collision and Near Miss Caused by Guard Vessel*
- v. Fatality: Worker Hit by Ship Crane during Lifting Operation*
- vi. Fire in Wheelhouse on Offshore Renewables Crew Transfer Vessel*

**3. IMCA Safety Flashes 2015**

3.1. There were 23 IMCA Safety Flashes issued in 2015.

3.2. 2015 Safety Flashes can be downloaded from the IMCA website at:  
<http://www.imca-int.com/safety-environment-and-legislation/safety-flashes/2015.aspx>

3.3. IMCA Safety Flash 01/15 – January 2015, summarises the following incidents:

- i. LTI - Hand Injury during Mooring Operations*
- ii. Near Miss: Safe Use of Chains in Rigging*
- iii. Near Miss: Anchoring of Rigging to Uncertified Points*
- iv. S92 Helicopter Pressure Refuelling Incident*
- v. High Potential Dropped Object*
- vi. Disposal of Flammable Substances with Ignition Sources*
- vii. Unplanned Release of 960 Litres of Hydraulic Oil*

3.4. IMCA Safety Flash 02/15 – January 2015, summarises the following incidents:

- i. Dropped Object Near Miss: Falling Crane Block*
- ii. Dropped Object Near Misses*

- iii. Dropped Object - Failure of Lump Hammer*
- iv. Near Miss: Missing Nut and Split Pin on Shackle*
- v. Near Miss: Man Overboard*
- vi. Fatality: Worker Crushed by Engine Piston Assembly*

3.5. IMCA Safety Flash 03/15 – March 2015, summarises the following incidents:

- i. Capstan Wire Parted during Deployment of Anchor Buoy*
- ii. Diver Sustains Water Jetting Injury*
- iii. Near Miss: Supply Vessel in Path of Helicopter Making Approach to Platform*
- iv. Near Miss: Manual Handling in the Office*
- v. Near Miss: Potential Fall from Height during Launch of Rescue Craft*
- vi. Man Overboard (MOB) Rescue Lifting Slings Parted*

3.6. IMCA Safety Flash 04/15 – March 2015, summarises the following incidents:

- i. Electric Shock Incident*
- ii. LTI during Lifting Operations - Backloading Tubular Cargo*
- iii. Stored Pressure Release - Hydraulic Oil*
- iv. Diver Fainted*
- v. Near Miss: Quarantine of Fall Arrest Equipment*
- vi. Fire in Engine Room on Platform Supply Vessel*
- vii. Near Miss: Draw String on Storm Jacket Drawn into Rotating Equipment*

3.7. IMCA Safety Flash 05/15 – April 2015, summarises the following incidents:

- i. Fatal Incident during Change-Out of Chain Wheel (Gypsy) on Anchor Handling Tug Supply (AHTS) Vessel*
- ii. Lifting Equipment Failure: Objects Dropped into Moonpool*
- iii. Winch Brake Failure*
- iv. Routine Task: Badly Cut Finger Changing Mop Head*
- v. Hand Injury during Stowing of Anchor chain*
- vi. Finger Injury - Pinchpoint - during Hose Handling*

3.8. IMCA Safety Flash 06/15 – May 2015, summarises the following incidents:

- i. Objects Dropped from Pipelay Tower*
- ii. Failure of Underwater Pan and Tilt Rotator Unit*

- iii. Marine Risk Management within the Safety Zone*
  - iv. Near miss Incidents: Crew Transfer Vehicles Approaching Wind Turbines*
  - v. Badly Sprained Ankle Resulting in LTI*
- 3.9. IMCA Safety Flash 07/15 – May 2015, summarises the following incidents:
- i. Second-Hand Equipment Causes Engine Breakdown*
  - ii. Near Miss: Unexpected Water Ingress during Fault Finding of a Cracked Water Pipe*
  - iii. Near Miss: Equipment Failure: Broken Mast Arms*
  - iv. Minor damage to pontoon cleat during Crew Transfer Vessel mooring operations*
- 3.10. IMCA Safety Flash 08/15 – June 2015, summarises the following incidents:
- i. Near Miss: Hot Work in No Weld Zone*
  - ii. ROV Main Lift Umbilical Failure*
  - iii. Near Miss: Fire Axe Falls Out of Cabinet, almost Hits a Fireman's Toes*
  - iv. Fatalities: Engine Room Fire Caused by Fuel Spray Ignition*
  - v. Bulk Hose Drawn into Thruster - Severe Damage and Delay*
- 3.11. IMCA Safety Flash 09/15 – June 2015, summarises the following incidents:
- i. "Routine" Task, Non-Routine Result: Batteries Stored Sideways Leak Battery Acid*
  - ii. "Routine" Activities - Non-Routine Result: Finger Injury during Welding*
  - iii. Near Miss: Trapped Tagline Pins Banksman against Stanchion*
  - iv. Vessel Electrical Equipment Caught Fire*
  - v. Fire on Offshore Renewables Industry Crew Transfer Vehicle*
  - vi. Aberdeen Harbour: annual Summary of Marine Safety Reports 2013*
- 3.12. IMCA Safety Flash 10/15 – July 2015, summarises the following incidents:
- i. Near Miss: Dropped Object Fell from Crane Boom*
  - ii. Dropped Object Near Miss: Antenna Parts Worked Loose and Fell to Deck*
  - iii. Control of Sub-Contractor Personnel: Unplanned and Uncertified Lifting Operations*
  - iv. Poor Storage Leading to Failure and Disintegration of cutting Discs*

- v. *Daughter Craft Man Overboard Incident*
- vi. *Lithium Battery Contents in Eyes*

3.13. IMCA Safety Flash 11/15 – August 2015, summarises the following incidents:

- i. *Lost Time Injury (LTI) and Restricted Workday Case (RWC) following Failure of Diving Bell Door System*
- ii. *Near Miss - Broken Chain on Sling of Personnel Lifting Basket*
- iii. *Uncontrolled Exposure to Hand-Arm Vibration (HAVS)*
- iv. *Mooring Line Failure Resulting in Serious Injury*
- v. *Near Miss Dropped Object: Protector Plate Drops from Crane*

3.14. IMCA Safety Flash 12/15 – August 2015, summarises the following incidents:

- i. *Near Miss (HIPO): Engine Started and Running whilst Crew Member Working on Shaft Generator*
- ii. *Finger/Hand Injuries*
- iii. *Collision between Crew Boat and Anchored Barge*
- iv. *Confined Space Entry Fatalities*
- v. *Thermal Tunnel Buoyancy when Deployed Subsea*

3.15. IMCA Safety Flash 13/15 – September 2015, summarises the following incidents:

- i. *Grounding and Flooding of Ferry - Complacency*
- ii. *LTI - Rigger Struck by Rigging under Tension*
- iii. *Fire Hydrants fitted with Incorrect Coupling Size*

3.16. IMCA Safety Flash 14/15 – September 2015, summarises the following incidents:

- i. *High Potential Incidents and Fatalities in 2014 - International Association of Oil & Gas Producers (IOGP)*
- ii. *Fall from Height in a Confined Space*
- iii. *Electrical Shock - Failure of Isolations and Barriers*
- iv. *Crewman Struck by Sling during Anchor Handling Operations*
- v. *Dropped Object Near Miss Lifting*
- vi. *Dropped Object Near Miss: ROV Wire Rope*
- vii. *Confined Space Fatality in Shipyard*
- viii. *Electrician Fatally Electrocuted*



- 3.17. IMCA Safety Flash 15/15 – October 2015, summarises the following incidents:
- i. Dropped Objects Fatalities: Workers Struck by Fallen Loads During Lifting Operations*
  - ii. Incidents Involving Poor Crane Operations*
  - iii. Spillage of Methanol During Cargo Operations*
- 3.18. IMCA Safety Flash 16/15 – October 2015, summarises the following incidents:
- i. Older "Norfolk Range" Powder Extinguishers from Before 2009*
  - ii. Cargo Contamination Causing LTIs during Clean-Up*
  - iii. Line of fire injury - Man struck in Face by Hammer*
  - iv. RWC - Caught between: Finger Smashed by Tooling*
- 3.19. IMCA Safety Flash 17/15 – October 2015, summarises the following incidents:
- i. High Potential Near Miss: Failure of Lifeboat Release Hook Mechanism*
  - ii. Free-Fall Lifeboat Safety*
- 3.20. IMCA Safety Flash 18/15 – November 2015, summarises the following incidents:
- i. Small Change to the Disclaimer for all Safety Flashes*
  - ii. Maintenance of Automatic External Defibrillators (AED)*
  - iii. Three Incidents of Decompression Illness (DCI)*
  - iv. Lost Time Injury (LTI) Following Stored Energy Release and Subsequent Serious Infection of Wound*
- 3.21. IMCA Safety Flash 19/15 – November 2015, summarises the following incidents:
- i. Near Miss During Transfer Operations from a crew Transfer vessel (CTV) to a Turbine Tower*
  - ii. Rigging Incident: Damage to Bow Hand Rail on a Crew Transfer Vessel (CTV)*
  - iii. An Error with Fire Flaps Led to Engine Space Flooding, Causing Costly Damage*
  - iv. Vessel Made Contact with Installation*
- 3.22. IMCA Safety Flash 20/15 – December 2015, summarises the following incidents:

- i. Recent Slips, Trips and Falls Involving Stairs*
- ii. Crewman Falls Down Open Hatchway During Simultaneous Operations*
- iii. Non-Fatal Man Overboard Incident*

3.23. IMCA Safety Flash 21/15 – December 2015, summarises the following incidents:

- i. High Potential Near Miss: Safe Working Load (SWL) Plate Fell from Crane Auxiliary Block*
- ii. Dropped Object Near Miss: Small Parts Falling From Crane Rest*
- iii. Fatality During Loading Operations*
- iv. Near Miss: Corrosion Caused Crane Boom Failure During Heavy Lifting*

3.24. IMCA Safety Flash 22/15 – December 2015, summarises the following incidents:

- i. Near Miss: Corrosion-Related Failure of Bolts Used to Secure Lifeboat Winches*
- ii. Catastrophic Failure of a Pipework Clamp Connector*
- iii. Confined Space Entry Incidents - A Reminder*
- iv. Hydraulic Company Sentenced After Employee Loses Sight in One Eye*
- v. Near Miss: Contained Hydraulic Oil Spillages from Cranes*
- vi. Fire Risks Associated With Electrical Storage Batteries*

3.25. IMCA Safety Flash 21/15 – December 2015, contains the following:

- i. Safety Flashes: A Summary For 2015*
- ii. A list of the 2015 Safety Flashes*

#### **4. IMCA Safety Flashes 2016**

4.1. There were 35 IMCA Safety Flashes issued in 2016.

4.2. 2016 Safety Flashes can be downloaded from the IMCA website at: <http://www.imca-int.com/safety-environment-and-legislation/safety-flashes/2016.aspx>

4.3. IMCA Safety Flash 01/16 – January 2016, summarises the following incidents:

- i. High potential near miss: Failure of both diver's breathing air supply & dive stage recovery winch*

- ii. Injuries due to failure of divers' emergency gas cylinder - use of incompatible threads*
- iii. High potential near miss: Poor O2 content in supplied air - diver temporarily lost consciousness*

4.4. IMCA Safety Flash 02/16 – January 2016, summarises the following incidents:

- i. Worker killed when struck by a load on a moving crane*
- ii. Fatal fall during cargo loading operations*
- iii. High potential near miss: Dropped object*
- iv. Lost time injury (LTI): Finger injury - watertight sliding door*

4.5. IMCA Safety Flash 03/16 – January 2016, summarises the following incidents:

- i. Lost time injury (LTI): Stored pressure release - Crewman lost an eye*
- ii. Crew transfer vessel (CTV) personnel transfers*
- iii. Fire: Spontaneous combustion of towels*
- iv. Breathing air cylinder air valve broken off*

4.6. IMCA Safety Flash 04/16 – January 2016, summarises the following incidents:

- i. Near miss: Non-fatal man overboard incident*
- ii. Near miss: Pilot ladder failure*
- iii. Person accidentally drank hazardous substance*
- iv. Finger injury during maintenance work: Restricted work case*
- v. Finger injury: Pinch point*

4.7. IMCA Safety Flash 05/16 – February 2016, summarises the following incidents:

- i. Helicopter rotor downdraft hazards - Oil & Gas UK (OGUK)*
- ii. Near miss: Fouled diver umbilical*
- iii. Slip/trip resulting in lost time injury (LTI)*
- iv. False or scam emails - Warning*

4.8. IMCA Safety Flash 06/16 – March 2016, summarises the following incidents:

- i. Malaria fatality*
- ii. The Zika virus*

4.9. IMCA Safety Flash 07/16 – March 2016, summarises the following incidents:

- i. Near miss: Laundry fire hazards*
- ii. Mooring: Port operator fined after worker injured by capstan*
- iii. Near miss: Mooring without port assistance*
- iv. Listing, flooding and grounding of vehicle carrier Hoegh Osaka*

4.10. IMCA Safety Flash 08/16 – April 2016, summarises the following incidents:

- i. Fatality: Stored pressure release*
- ii. LTI finger injury whilst working in engine room*
- iii. Serious hand injury: Worker injured by machinery*
- iv. Near miss: Dropped torque tool*
- v. Dropped object fell 12m and hit worker*

4.11. IMCA Safety Flash 09/16 – April 2016, summarises the following incidents:

- i. August 2013 Super Puma helicopter crash*

4.12. IMCA Safety Flash 10/16 – April 2016, summarises the following incidents:

- i. Vessel in collision with floating dock*
- ii. Damage to hand rails during mooring operations*
- iii. Equipment damaged during cargo operations*
- iv. Mooring near miss: Lines break during un-docking operation*

4.13. IMCA Safety Flash 11/16 – April 2016, summarises the following incidents:

- i. Fatality: crew member struck by forklift during quayside operations*

4.14. IMCA Safety Flash 12/16 – May 2016, summarises the following incidents:

- i. First aid injury: Person struck by wire under tension*
- ii. Lost time injury (LTI): Serious hand injury during high pressure washing operations*
- iii. Failure of fire extinguishers owing to corrosion*
- iv. Condensate leak*
- v. Fatalities caused by crane collapse following metal fatigue*

4.15. IMCA Safety Flash 13/16 – May 2016, summarises the following incidents:

- i. Counterfeit admiralty products*
- ii. Life jacket failures*
- iii. Product awareness: Chains for lifting Harding FF1200 lifeboat*

4.16. IMCA Safety Flash 14/16 – May 2016, summarises the following incidents:

- i. Serious incident: Pad eye fell from crane boom and struck rigger*
- ii. Potential dropped object: Inbound cargo*
- iii. Dropped object: Tank dog*

4.17. IMCA Safety Flash 15/16 – May 2016, summarises the following incidents:

- i. Preliminary report into helicopter crash near Bergen*

4.18. IMCA Safety Flash 16/16 – June 2016, summarises the following incidents:

- i. Dropped object: Signage dropped from crane boom*
- ii. High potential near miss: Damage to small boat during offshore survey operations*
- iii. Corrosion of hollow section members on offshore drilling structures*
- iv. Near miss: Rigging recovered with missing nut from tri-plate shackle*
- v. Mobile phone charger failures*

4.19. IMCA Safety Flash 17/16 – June 2016, summarises the following incidents:

- i. Near miss: Cargo shifted in heavy seas whilst alongside platform*
- ii. Mooring rope fouled the propeller and parted*
- iii. Collision whilst drifting*
- iv. Platform supply vessel involved in a near miss whilst on location*
- v. Near miss: Bilge cover left open*
- vi. Product awareness: Orange smoke hand distress signal*

4.20. IMCA Safety Flash 18/16 – July 2016, summarises the following incidents:

- i. Stored pressure near miss: Buckle detector expelled from pipe during recovery*
  - ii. Stored pressure release near miss: Small part expelled from hydraulic winch*
  - iii. Stored pressure: Corrosion coupon plug ejected from pressurised pipeline*
  - iv. Minor fuel spill during offshore transfer*
  - v. Accidental discharge of bilge water in dry dock*
  
- 4.21. IMCA Safety Flash 19/16 – July 2016, summarises the following incidents:
  - i. Injury caused by shifting load of pipes*
  - ii. Lost time injury (LTI): Loss of end of thumb*
  - iii. 'Routine' task, non-routine result: A fall from a crane ladder leads to an LTI*
  - iv. Restricted work case (RWC): Injury to eye during deck washing*
  - v. Worker seriously injured when 1 tonne load fell on him*
  
- 4.22. IMCA Safety Flash 20/16 – August 2016, summarises the following incidents:
  - i. Near miss: Unintentional release of diving helmet - neck dam/helmet securing arrangements*
  - ii. Unintentional release of diving helmet - neck dam/helmet securing arrangements*
  - iii. Fatal diver incident due to uncontrolled differential pressure*
  - iv. Loss of 3 tonne lift bags owing to equipment failure*
  - v. Near Miss: Divers' umbilical rupture during routine maintenance*
  
- 4.23. IMCA Safety Flash 21/16 – August 2016, summarises the following incidents:
  - i. Proper care of oxy-acetylene cutting and welding equipment*
  - ii. Mast head securing wire parted*
  - iii. Lifting sling failure on freefall lifeboat*
  - iv. Hyperbaric lifeboat emergency lifting chain link failure*
  - v. Load chain failure owing to corrosion*
  
- 4.24. IMCA Safety Flash 22/16 – September 2016, summarises the following incidents:
  - i. Confined space fatality - Sharp Lady*
  - ii. Near miss during cable handling - Standing in the bight*

- iii. Potential dropped object during cargo offloading operations*
- iv. Lifting bridle snagged - Failure to 'stop the job'*
- v. Crewman badly scalded during tank cleaning*

4.25. IMCA Safety Flash 23/16 – September 2016, summarises the following incidents:

- i. Dropped pallet during loading of stores*
- ii. High potential near miss: Dropped object*
- iii. Dropped object fell from crane: Poor communication/lack of awareness/control of work*
- iv. Dropped object: Failure of split head elbow on bolts*
- v. Working at Height:- Use of wooden handled hammers*

4.26. IMCA Safety Flash 24/16 – September 2016, summarises the following incidents:

- i. Fatal engine room fire on suction dredger Arco Avon*
- ii. Near miss: Welding in NO HOT WORK zone*
- iii. Fire in vessel accommodation: Overheating notebook computer*

4.27. IMCA Safety Flash 25/16 – October 2016, summarises the following incidents:

- i. Firefighting water jet hits antenna: Failure of limits, stops and safeties*
- ii. PP3 9V battery explosion*
- iii. Collision between vessels*
- iv. High potential near miss incident: 440v cable damaged by grinder*
- v. Consequences of launching a drone from a vessel in the Suez Canal*

4.28. IMCA Safety Flash 26/16 – October 2016, summarises the following incidents:

- i. Near miss: Release of trapped pressure after ROV dive*
- ii. Failure of threads: Follow up to 'Corrosion coupon plug ejected from pressurised pipeline*

4.29. IMCA Safety Flash 27/16 – October 2016, summarises the following incidents:

- i. Near miss: Open hatches left without barriers*
- ii. Near miss: Person almost fell from height during anchor chain preparations*
- iii. Medical treatment: Person fell down unprotected hatch*

- iv. *DBI-SALA® Lad-Saf™ Sleeve - Stop use and voluntary recall/replacement*

4.30. IMCA Safety Flash 28/16 – October 2016, summarises the following incidents:

- i. *Crewman suffers cut to hand - but gloves prevented it being much worse*
- ii. *Line of fire LTI: Finger injury during lifting operations*
- iii. *Serious finger injury during valve installation*
- iv. *Unsafe method of rope work resulted in severe hand injury*
- v. *Manufacturing firm fined after worker's arm injured in roller*
- vi. *Portable grinders: Hand safety*

4.31. IMCA Safety Flash 29/16 – October 2016, summarises the following incidents:

- i. *Spilt acid during lifting operations*
- ii. *Crane malfunction during lifting operations*
- iii. *CCU door unlatched whilst being lifted from PSV to platform*
- iv. *Able Seaman injured when vessel moved during cargo operations*
- v. *Dropped object awareness*

4.32. IMCA Safety Flash 30/16 – November 2016, summarises the following incidents:

- i. *Fatal fall from tug Svitzer Moira*
- ii. *LTI: Eye injury following incident with microwaved food*
- iii. *Scalding injury to crew member*
- iv. *Near miss: Hose parted*
- v. *Life jacket maintenance*

4.33. IMCA Safety Flash 31/16 – November 2016, summarises the following incidents:

- i. *Diver Loss of Consciousness During Underwater Burning Activities*
- ii. *Hand Injury During Diving Operations*
- iii. *Near Miss - Leopard Seal Interference with Diver*
- iv. *Correct Installation Methods for Diving Umbilicals and Hoses*
- v. *SPHL Battery Charging - Build-Up of Hydrogen*

4.34. IMCA Safety Flash 32/16 – November 2016, summarises the following incidents:



- i. Don't Lose Your Tow in Heavy Weather*
- ii. Be Alarmed by all Alarms!*
- iii. Lifeboat Launch Capability Compromised*
- iv. Pallet Strop Hook Broke and Hit AB*
- v. Person Hit by Mud/Clay During Anchor Handling Operations*

4.35. IMCA Safety Flash 33/16 – December 2016, summarises the following incidents:

- i. Failure to Report Hydraulic Leak Subsea*
- ii. Vessel Made Contact with Quay*
- iii. Near Miss: Dropped Object from Crane*
- iv. Fatalities: Pipe Fell from Skids*
- v. First Aid Injury – Electric Shock*
- vi. Unsafe Boarding of Vessels*
- vii. Injury After Crewman Fell Downstairs On External Stairway*

4.36. IMCA Safety Flash 34/16 – December 2016, summarises the following incidents:

- i. Offshore Crane Safety Systems*
- ii. Dropped Object Near Miss: Crane Rest Damage*
- iii. Near Miss – Dropped Steel Plate*
- iv. Fatal Fall from Height*
- v. High Potential Near Miss: Failure in Safety Gate*

4.37. IMCA Safety Flash 35.16 – December 2016, summarises the following incidents:

- i. Fire in Engine Room*
- ii. Awareness: CO2 Flooding System Activation Points*
- iii. Corrosion damage – Failed Fire Hydrant*
- iv. Fuel Spill During in Port Bunkering*
- v. Incidents in Small Workboats Used in the Offshore Renewables Sector*
- vi. First Aid Injury – Person Scalded by Steam Condensate*

## **5. Validity**

5.1. This alert is valid until further notice.

## **6. Revision History**

Bahamas Maritime Authority

Rev.0 (03 January 2017) – First issue