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Installation Virtual Operations and Information Center (IVOIC)

# Flood Control Update Brief

20 April 2011

Matt Barden  
Chief, Plans & Operations

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*To provide the Army the installation capabilities and services to support expeditionary operations in a time of persistent conflict, and to provide a quality of life for Soldiers and Families commensurate with their service.*

***We are the Army's home***

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# Flood Control Update Brief



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## AGENDA

- I. Purpose
- II. **Safety Message (UPDATED)**
- III. **SITREP (UPDATED)**
- IV. **National Weather Service Flood Predictions (a/o 25 Mar 11) (UPDATED)**
- V. **Flood Build-Up (UPDATED)**
- VI. **SIGACTS (UPDATED)**
- VII. **River Stage, Forecast, and Water Elevation (UPDATED)**
- VIII. Public Affairs Summary / Photos
- IX. **Community Links (UPDATED)**
- X. **Road Closures (UPDATED)**
- XI. RFIs

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# Flood Control Update Brief

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## Purpose:

To inform the tenants of Rock Island Arsenal of the impending flood and provide a timely and comprehensive flood status update.

# Flood Control Update Brief



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Crews have erected a flood wall on top of the north levee from Gillespie Street to the east end of the Island. Safety is being stressed; residents and employees are warned to stay off the levees and away from Blunt Road. This area has been designated as a restricted area, barricaded, and is only to be used by security and personnel working the flood situation.

As flood waters rise over the next few days there will be intermittent road closures throughout the Island. While most of the areas should not impact daily operations/missions of Soldiers, Families, and Civilians working and living on the island, you are to heed any road closures or barriers.

We appreciate everyone respecting the designated restricted area and not walking, jogging, or driving in these areas. If you witness unauthorized personnel accessing the restricted areas please contact the Rock Island Arsenal Police ASAP with vehicle or pedestrian location/description at (309) 782-6116.

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## SITREP a/o 20 Apr 11

As of 20 Apr the flood forecast through Apr 27<sup>th</sup> shows major flooding is occurring and will crest at 21' on Apr 22<sup>nd</sup> and then decrease to 19.5' by Wednesday Apr 27<sup>th</sup>. The increase in flood stage is a result of snow melt and rain fall that has been occurring in the region. River will be hyper sensitive in response to additional rainfall. NWS expects the river to remain at moderate to major flood stage through the end of April. Preparedness/Mitigation updates are as follows:

1. Continuing to monitor flood levels and access actions. Current level as of 1200 is 19.56'. Crest prediction at 21.2' on 22 Apr. The crest prediction increased .5' since this morning.
2. No additional Hesco installation is warranted at this time. Levees have sufficient freeboard to at least 22'.
3. Gates on the south side of the Arsenal leading to Dyke are closed and locked. Barricades are installed on Dyke Road under the Moline Bridge.
4. Contractors have installed barricades closing Davenport Drive.

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## SITREP a/o 20 Apr 11 (Cont.)

- 5 Sylvan Drive is closed from the fire training area west to Bldg 299.
6. The water has topped the levee on the South side starting to flood the MWR golf driving range at about 19.25'-19.50'. This was expected and causes minimal impact.
7. We expect the City of Davenport to contact DPW on 20 Apr for an update on the pump for LeClaire Street at about the 20 foot level. The City of Davenport has already installed a small pump at this location
8. RIIS is backing up waste in the sewer and routinely monitoring levels at Bldg 204.
9. The levees are holding the water with no evidence of seepage or softness at this time.
10. RIIS continues to monitor basements for water and execute flood planning actions.

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## SITREP a/o 20 Apr 11 (Cont.)

11. RIIS will install 2x4s to channel the water at the hydro plant should water rise and enter through the wall.
  
12. Based on current level and latest crest predictions .5' greater than yesterday with potential to rise overnight, we plan to schedule Soldier levee walker training on 20 April, with training times at 1200, 1300, and 1400. DPTMS should arrange for Soldiers to report for training in the basement of Bldg 102, southwest corner, at the room labeled "Public Works Emergency Operations Center". This is near the Family Housing Office.
  
13. DPW will assess conditions in the morning on 20 Apr and make further decisions on staffing and operations of the Flood Control Center and moving occupants in Bldg 30/31.
  
14. No mission impacts identified at this time. DPW will coordinate with MWR regarding activities at the golf course and ball fields on the North Side of RIA.

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# Flood Control Update Brief



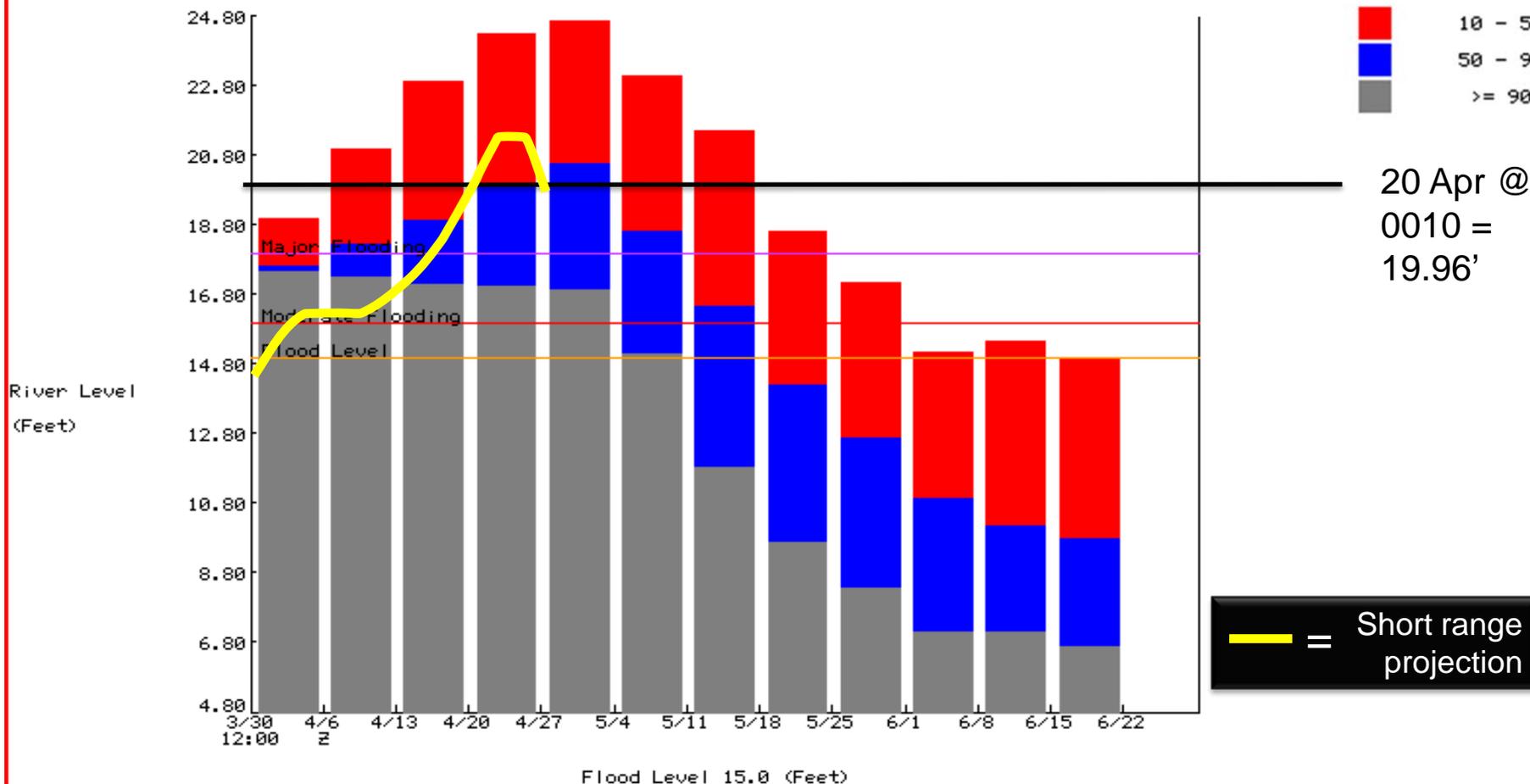
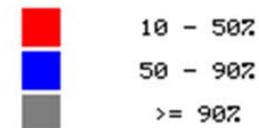
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## NWS Flood Predictions

1 Week Chances of Exceeding River Levels on the MISSISSIPPI R at QUAD CITIES  
 Latitude: 41.3 Longitude: 90.4  
 Forecast for the period 3/30/2011 - 6/22/2011  
 This is a conditional simulation based on the current conditions as of 3/23/2011

Exceedance  
Probability



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# Flood Control Update Brief



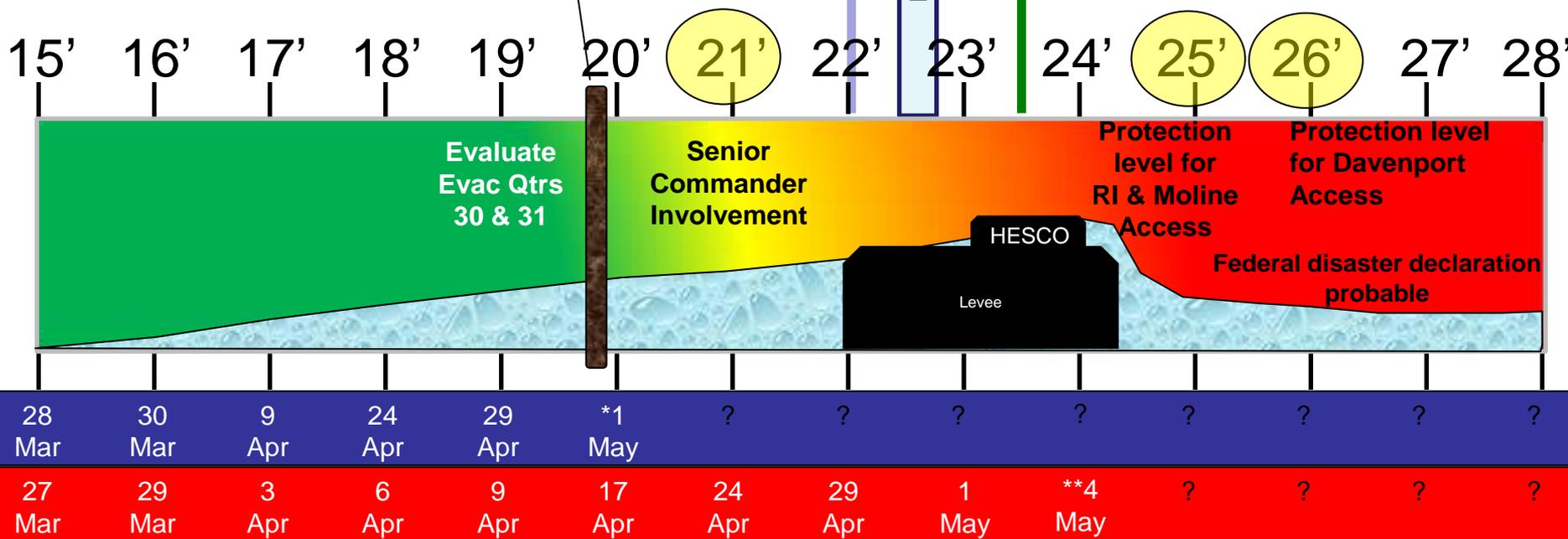
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## Flood Build-Up (2011)

Flood Exceedance Probability  
■ 50 – 90%  
■ 10 – 50%

20 Apr = 19.96'  
 @ 0010  
 +.6' from 19 Apr



- Plan
- Install sandbags & Hescos
- Train Levee teams
- Coordinate
- Operate RIAG EOC

- Operate DPW ICC
- Inspect levees
- Increase STRATCOM
- Plan/coordinate

- Operate DPW ICC/RIAG EOC 24/7
- Inspect levees 24/7
- Increase communications with community
- MDMP/Plan COOP & Evacuation

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# Severe Weather Update Brief



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## SIGACTs

<b>Date / Time</b>	<b>SIGACTS</b>
24 MAR / 0800	Flood Control Planning Meeting - Initial meeting
25 MAR / 0800	CG Brief
27 MAR / n/a	Sandbag fill complete (45K)
29 MAR / 0900	Soldier Training (Classroom – Medical, Commo, Safety, Ops)
30 MAR / 0900	Out of 3 Sections of Hesco flood barriers, section 1 and a portion of Section 3 is installed
13 APR / 0900	Evacuation arrangements for Qtrs 30 & 31 have been made
13 APR / 0900	Executing flood control measures in preparation for 19 feet
14 APR / 1300	6" diesel pump has been coordinated to provided to Davenport for continued access to Government Bridge
18 APR/1300	Recommendation made NOT to evacuate Qtrs 30 & 31 based on current conditions/predictions
18 APR/1300	RIIS Completing flood control measures to 20.5'
18 APR/1300	Dyke Rd. gates closed under Moline Bridge, Blunt Rd. closed from East Ave. to Gillespie Ave.
19 APR/1300	Davenport Rd. is closed, Sylvan Drive is closed from Fire training area west to Bldg 299
19 APR/1300	Water has topped south side levee by MWR Golf driving range as expected (Minimal Impact)
20 APR/1200, 1300, 1400	Training for Soldiers (Levee Patrol and Ops during Flood Fighting)
20 APR/	DPW will assess conditions for flood fight staffing and evacuation of Qtrs 30/31

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## Weekly Forecast (a/o 19 Apr 11)



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## Public Affairs Summary

### Current Ops

- Flood website w/FAQs being developed. [http://www.ria.army.mil/sites/flood\\_information/](http://www.ria.army.mil/sites/flood_information/)
- DPTMS interview that aired on WHBF TV4: <http://bit.ly/hswg5v>
- Continue to take photos for historic reference.

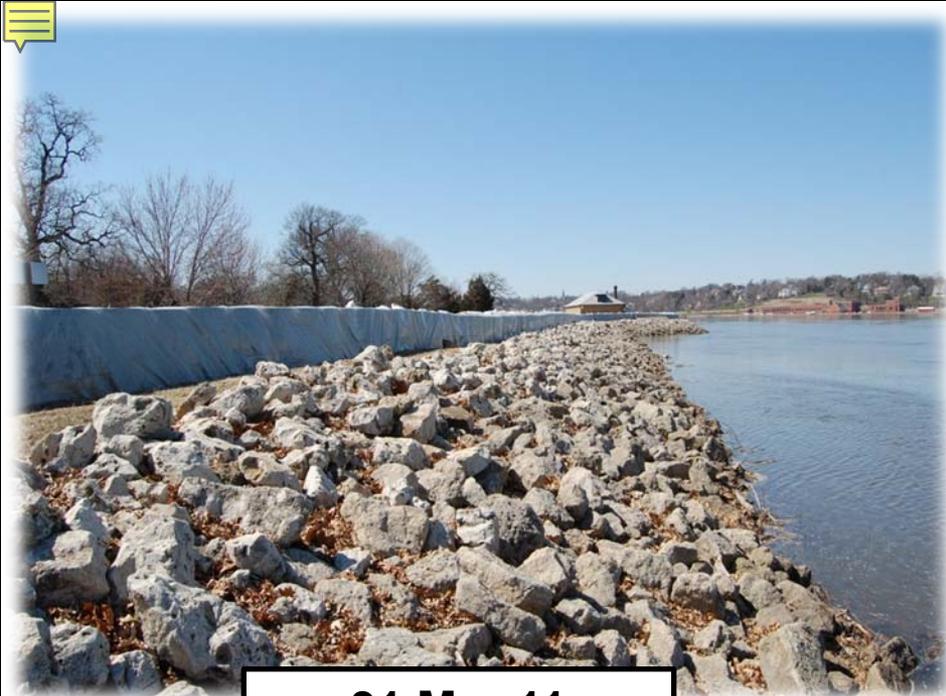
### Future Ops

- TBD

### Assessments

- TBD

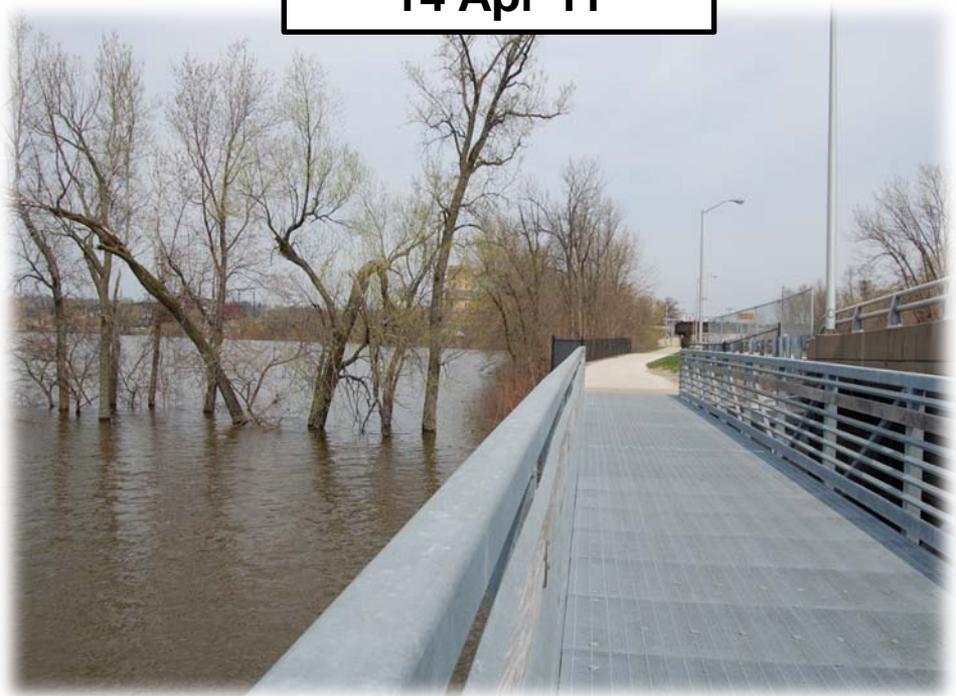
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**31 Mar 11**



**14 Apr 11**



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## Community Links

### City:

[East Moline](#)

[Moline](#)

[Bettendorf](#)

[Rock Island](#)

[Davenport](#)

### County:

[Scott County EMA](#)

[Rock Island County EMA](#)

### Additional Links:

[Map for RIA Flood Plan](#)

[Davenport Library Info](#)

[USACE Rock Island District](#)

[River levels](#)

[FEMA widget](#)

[Community Flood Watch Video](#)

**In the News:**(NEW on 20 Apr 11)  
[Mississippi crest revised to 21.2 feet-](#)  
Courtesy of QC Times



# Flood Control Update Brief



## Area Road Closures Due to Flooding

### Iowa

#### Davenport:

- [South Concord Street from Miller to Wapello avenue closed because of water over the road in the area just west of the Waste Water Treatment Plant drive.](#)
- [Biederbecke Drive at Main Street in downtown Davenport has been closed for construction of a dike across street.](#)
- [East River Drive from Carey Ave. to Rockingham Rd. has been closed due to flooding.](#)

Bettendorf: none

### Illinois

#### Rock Island:

#### Moline:

- [River Drive from 23<sup>rd</sup> st to 55<sup>th</sup> st has been closed due to flooding.](#)

#### East Moline:

### RIA

- [Dyke Rd. from under Moline bridge to Burr Dr. Official traffic only.](#)
- [Blunt Rd. from East Ave. to Gillespie Ave. Official traffic only.](#)
- [Davenport Dr. Official traffic only.](#)
- [Sylvan Dr. fire training center to west Bldg 299. Official traffic only.](#)

\*NOTE: Drivers who go around barricades are putting themselves and their passengers safety at risk and may be ticketed by police.

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## RFIs

1. Should the flood waters reach such a level to constrain (but not totally prohibit) traffic onto RIA and tenant mission performance; how will the guard force implement further access control limits to only allow entrance of those authorized by each tenant for high priority MEFs?
  - As of now we currently don't have MEF rosters built into the RCx (the vetting system used for access control). We have the capability to build rosters into the system but it becomes a matter of maintaining rosters and pushing updates to the DES for the RCx system. This is an issue that will require further analysis from COOP planners on the installation and the DPTMS & DES.

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End of Brief

INSTALLATION MANAGEMENT COMMAND



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*“Sustain, Support and Defend”*

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