



DISSEMINATING A SUMMARY OF FISH MANAGEMENT BEHAVIOR AND DATA ANALYSES TO FISH RECOGNITION AND RECOVERY THROUGH THE BIRD MARCH

IMPACT OF FISH MANAGEMENT PRACTICES ON FISH

FISH MANAGEMENT AND ENVIRONMENTAL IMPACT

11-13 2023 : 11-13 2023

DAVID
DIRECTOR,
AA&C, INC.

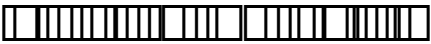

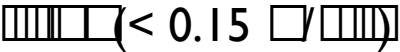
DOUGLAS (DEB)
VICE PRESIDENT & DIRECTOR,
AA&C, INC.

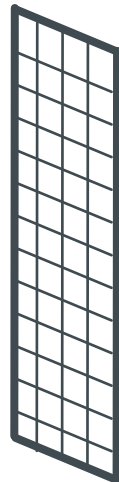
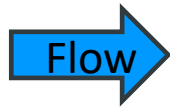
IMPINGEMENT AND ENTRAINMENT DEFINITIONS

Impingement: Fish are retained on a mesh. Entrainment: Fish pass through a mesh.

Impingement

Retained on a 9.5 mm (3/8 inch) mesh

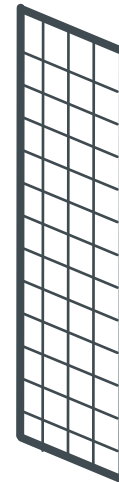
- 
- 
 ($< 0.15 \text{ m}^2/\text{m}^3$)



Entrainment

Pass through 9.5 mm (3/8 inch) mesh

- 
- 



High Capacity A/D A F Fish Image



H (1970) A/D A F Fish
Image

A

➤ H A/D A F Fish
Image

➤ E A/D A F Fish
Image

➤ E A/D A F Fish
Image

➤ A A/D A F Fish
Image

➤ A A/D A F Fish
Image



CEEI G I GEE A EDC IHE

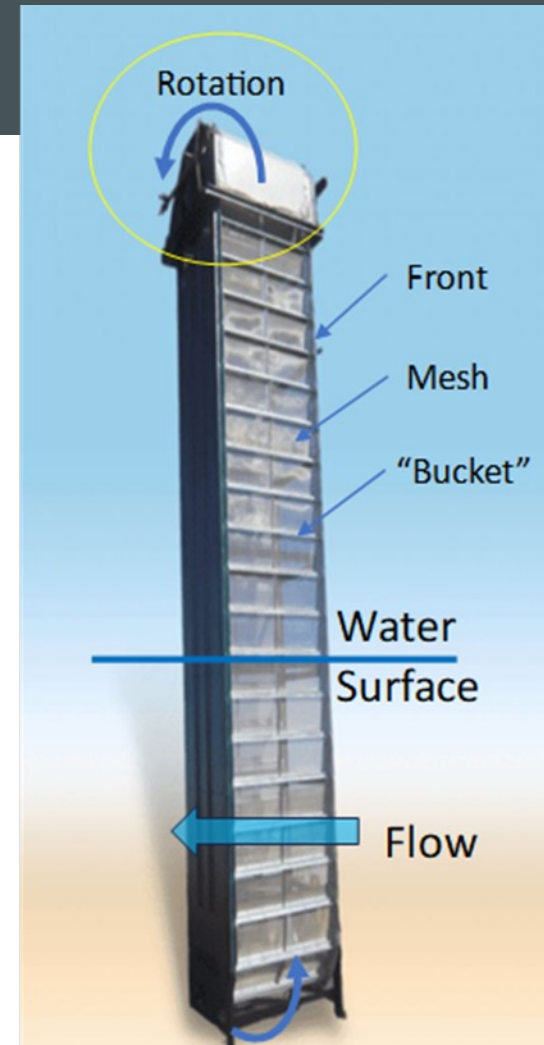
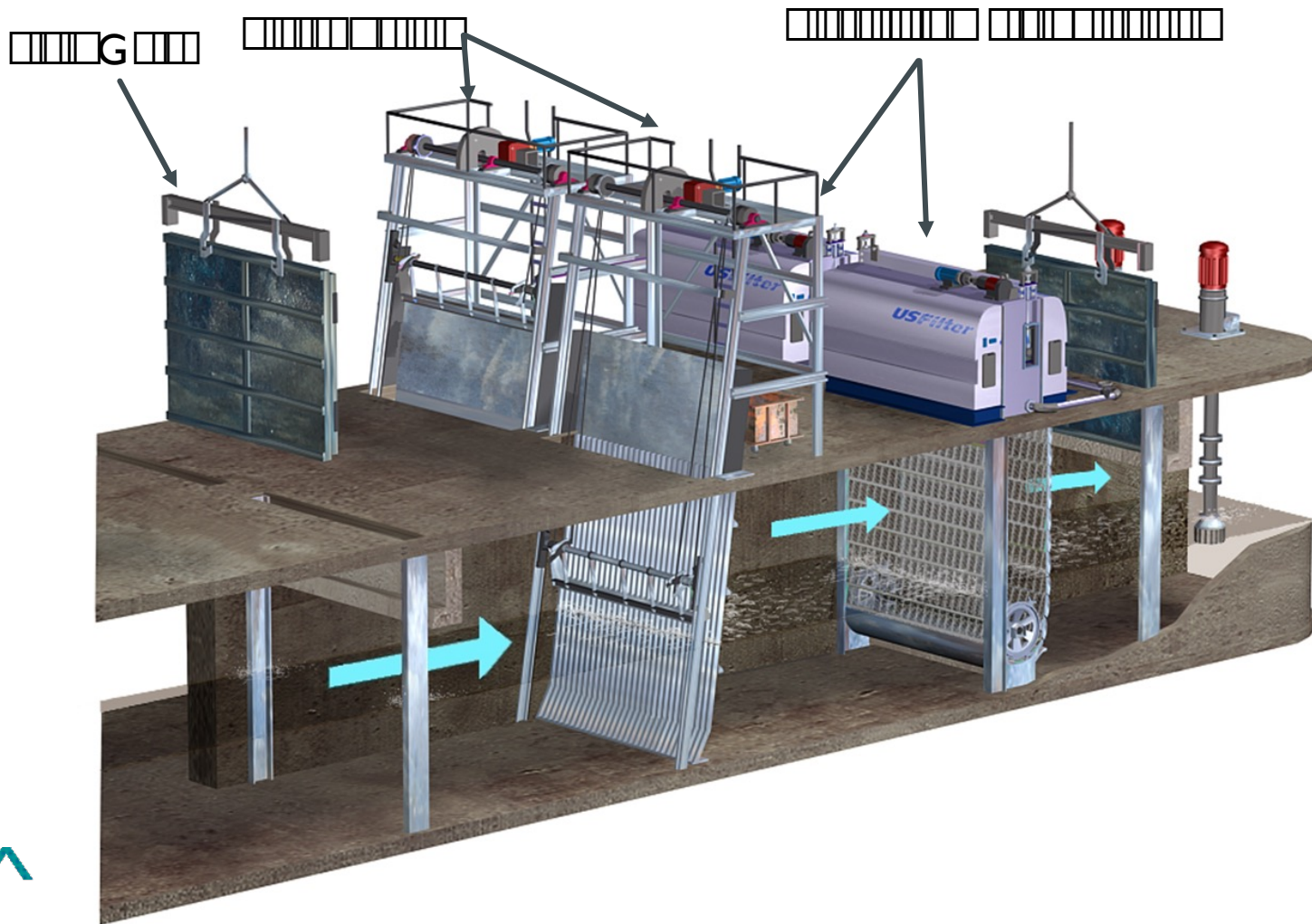
C () C

1 C-C-C-C
 2 D - E 0.15 (/)
 3 D A - ≤ 0.15 /
 4 H E C (800)

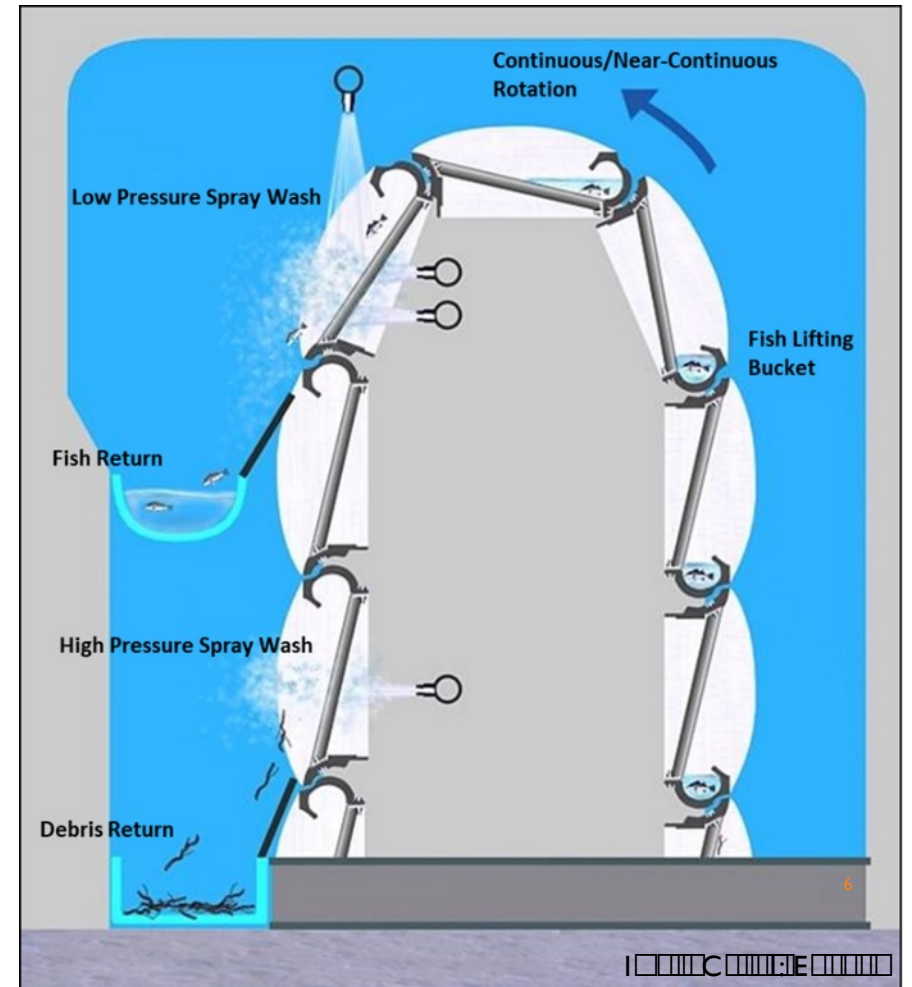
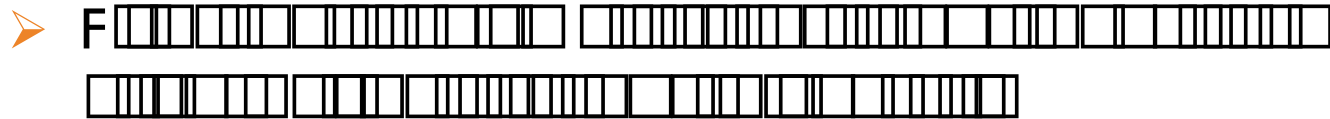
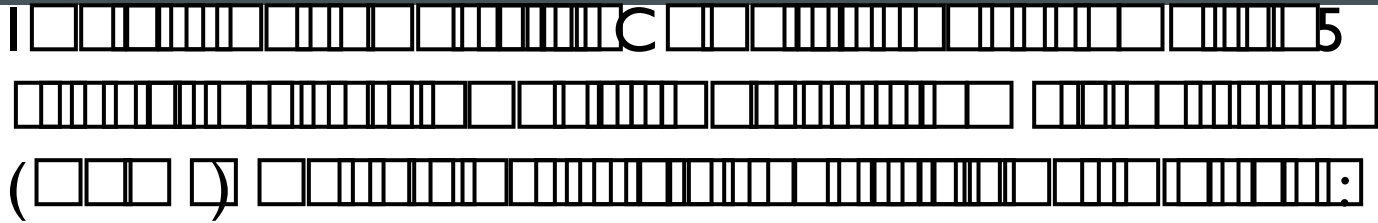
5
 6 C F 7;
 7 D 24% A B



Construction of a Water Treatment Plant & the Role of Filtration



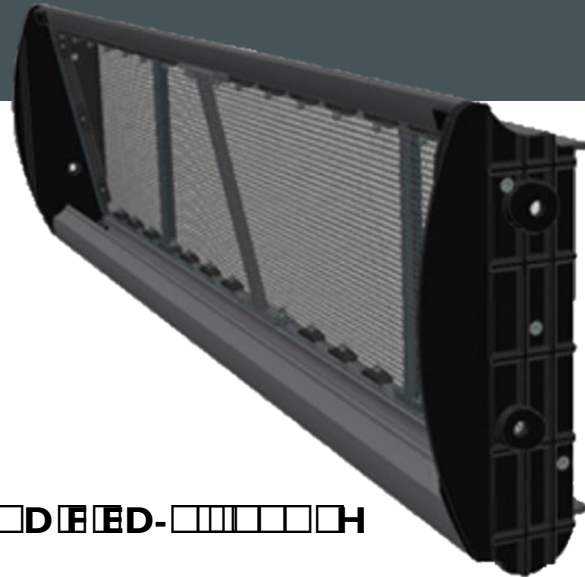
ROBOTIC SYSTEMS FOR AUTOMATED FISH HARVESTING



COMPONENTS OF A MODIFIED TRAWLING AREA OF A CEE

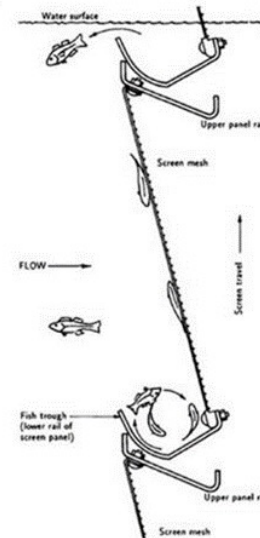
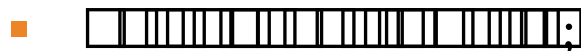


C E A

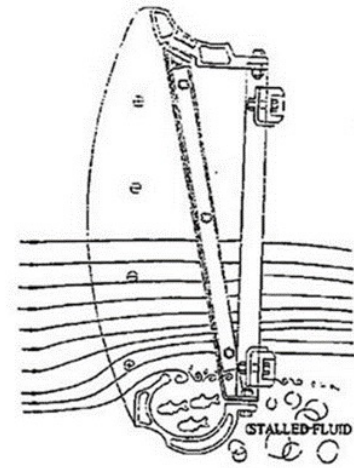
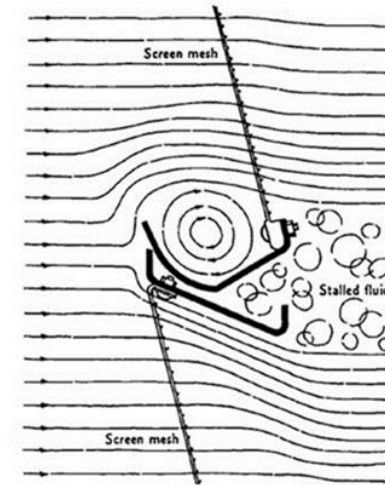


D ED-H

I C E A



I C F 990



I C 2000



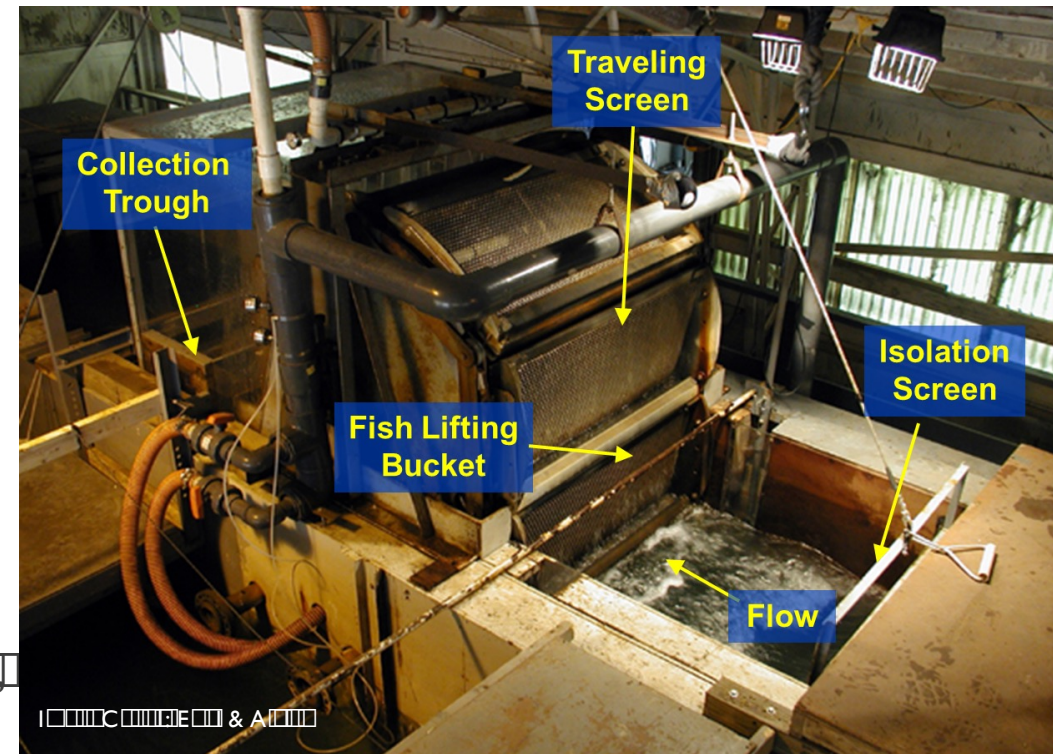
B H B A
C A

EMERGENCY, FIELD, AND ABNORMAL REBACH

EMERGENCY ID	REBACH
1005497	D
1008470	I
1011278	I
1013065	A
1013238	E
1013308	D
1016807	E
1018490	B
1018540	E
1019594	E
1019864	E
1021372	E
1022612	A
1023769	F
1024999	E
3002000180	A
3002000231	F
3002001422	D
3002001467	E
3002003380	F
3002005115	H
3002005832	H
3002008265	E
3002011144	A
3002013681	E
3002013683	F
3002014811	F
3002016534	D
3002016554	B
3002018724	F

WATER QUALITY MONITORING AND COLLECTION

- Equipment used for water quality monitoring and collection
- Flow rate (50-100 L/min)
- Filtration: 0.3, 0.6, & 0.9 µm (1, 2, & 3 µm)
- Filtration efficiency:
 - Filtration efficiency (<5%)
 - Filtration efficiency (40%), Filtration efficiency (30%), Filtration efficiency (20%)
 - Filtration efficiency
 - Filtration efficiency (<0.05)



ACRESEARCH ABACA



➤ D A :

- F

- F

➤

1. |

2. |

3. |

➤ | (0.3
/) (50-100).

ANALOG ANALYTICAL RESEARCH FIELD: THE

- E [REDACTED]
- [REDACTED]
- E [REDACTED]
- [REDACTED]
 - [REDACTED]
 - [REDACTED]
 - [REDACTED]

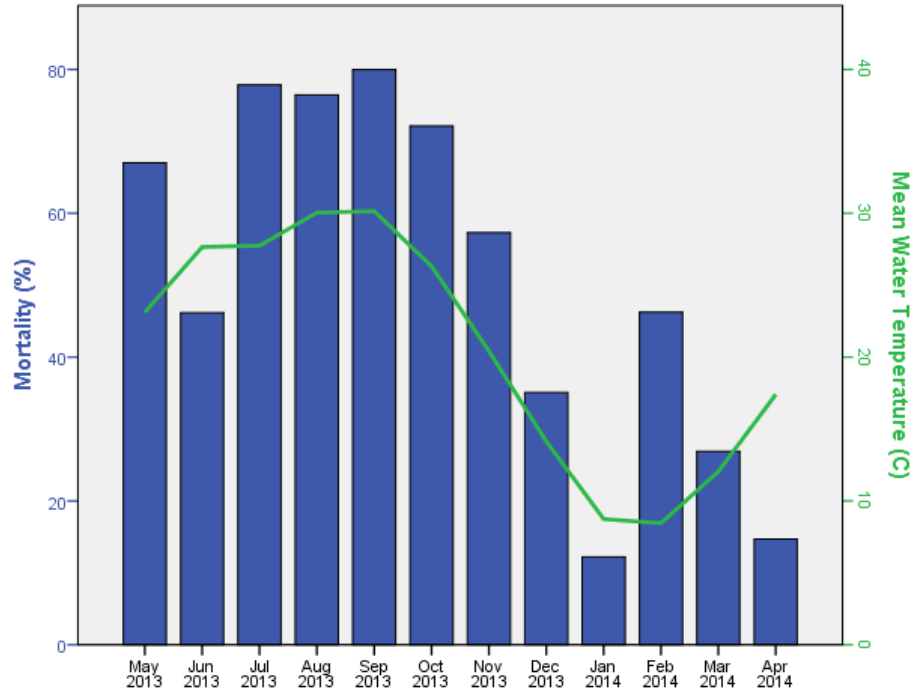


INTEGRATED & ANALYTICAL



INTEGRATED & ANALYTICAL

ANALYSIS OF CATCH FIELD: THE



G...C...E... 3002005832

Month

B ...

➤ D ... A ... :

■ F ...

➤ ...

➤ H ...

DATA COLLECTION CHECK SHEET: THE



▶ E A A

▶

▶ F

▶

F	D		D	C
C	2	378	22	37
	2	214	11	21
C	4	986	36	48
	4	433	22	21

■

■ 21 28

■ F 2- 4-

DATA LOG DATA COLLECTION RESEARCH FIELD: THE

➤ DATA LOG DATA COLLECTION:

- F (Frequency) [Bar chart]

- C (Count) [Bar chart]

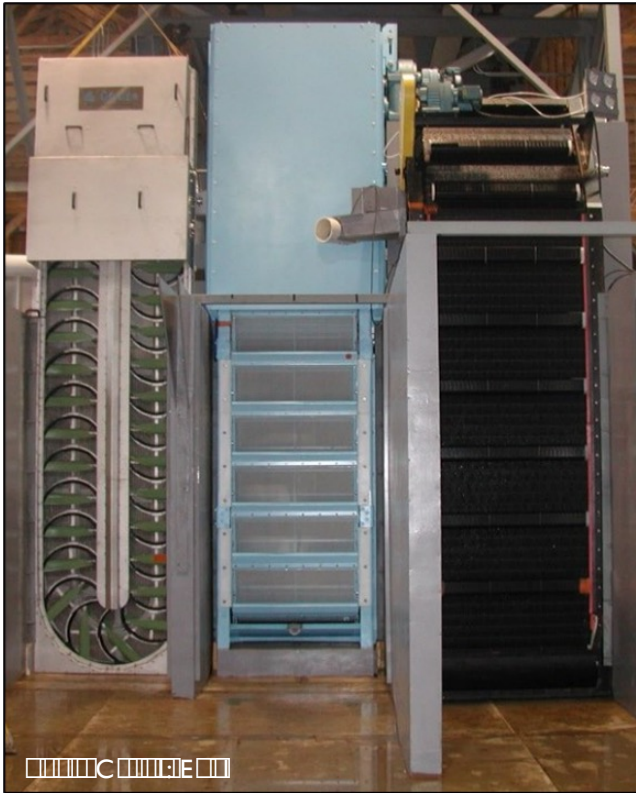
➤ [Bar chart]

➤ [Bar chart]

➤ [Bar chart] (2- 4-) [Bar chart] ([Bar chart] E [Bar chart])



ASAPROGEA 2000 BATCH FIDING



- **F**
 -
 -
- **F**
 - A (≤ 0.6)
- **F**
 -
- **F**
 -
- **C**
 -
 - A

ASA



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