

| File Observation Date | Covered Reporter LEI | Transaction ID | Cash Provider LEI | Cash Provider Direct Clearing Member LEI |
|-----------------------|----------------------|----------------|-------------------|--|
|-----------------------|----------------------|----------------|-------------------|--|

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|----------|----------------------|--------------|----------------------|---------------|
| 6/3/2019 | 549300H47WTHXPU08X20 | T10000000020 | 549300HOJJ6D43Z4Z661 | 5493000SCC07U |
| 6/3/2019 | 549300H47WTHXPU08X20 | T10000000021 | 549300GRZMBO67G4BY15 | 5493000SCC07U |
| 6/3/2019 | 549300H47WTHXPU08X20 | T10000000022 | B1HZVHGKW7J4UZI0QV74 | 5493000SCC07U |

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| Rako wsky , Dany lo: Gold man Fund |

| Securities Provider LEI | Securities Provider Direct Clearing Member LEI | Broker LEI | Submission Timestamp |
|-------------------------|--|--------------------|---------------------------------|
| 549300PIUPMIKJ0IKT65 | FOR8UP27PHTHYVLBNG30 | IGJSJL3JD5P30I6NJZ | Rakowsky, Danylo: 09:53:14.924Z |
| 549300PIUPMIKJ0IKT65 | FOR8UP27PHTHYVLBNG30 | IGJSJL3JD5P30I6NJZ | Morgan Stanley 09:53:14.924Z |
| 549300PIUPMIKJ0IKT65 | FOR8UP27PHTHYVLBNG30 | IGJSJL3JD5P30I6NJZ | 09:53:14.924Z |

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| Rakowsky, Danylo: | Rakowsky, Danylo: Michigan Lat | Rakowsky, Danylo: Goldman LLC |
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| Rakowsky, Danylo: Morgan Stanley |
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| Match Timestamp | Start Date | End Date | Optionality | Minimum Maturity | Security Identifier |
|--------------------------|------------|----------|----------------|------------------|---------------------|
| 2019-06-03T12:53:14.924Z | 6/3/2019 | 6/4/2019 | No optionality | 6/4/2019 | |
| 2019-06-03T12:54:14.924Z | 6/3/2019 | 6/4/2019 | No optionality | 6/4/2019 | |
| 2019-06-03T12:55:14.924Z | 6/3/2019 | 6/5/2019 | No optionality | 6/5/2019 | |

| Securities Identifier Type | Securities Quantity | Substitution Collateral Identifier | Substitution Collateral Identifier Type | Cash Provider Start Leg Amount |
|----------------------------|---------------------|------------------------------------|---|--------------------------------|
|----------------------------|---------------------|------------------------------------|---|--------------------------------|

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|--|-----------------------|-----------------------------|--|---|
| Securities Provider Start Leg Amount | Cash Provider Rate | Securities Provider Rate | Cash Provider Close Leg Settlement Amount | Securities Provider Close Leg Settlement Amount |
|--|-----------------------|-----------------------------|--|---|