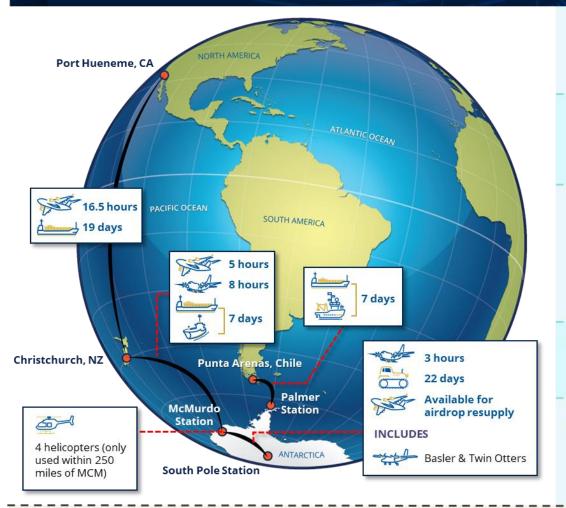
USAP LOGISTICS CHAIN







2500 passengers/year move between Christchurch and McMurdo



Ice pier

is used for vessel operations at McMurdo



~400 passengers each summer move between McMurdo and South Pole



Avg. ~9M lbs/year offloaded at McMurdo



3 trips to South Pole per summer season delivering about 140-170K gallons of



2 runways

are used for airlift at McMurdo -Phoenix and Williams (ski aircraft only at Williams) airfields, Phoenix is maintained to be operational year-round, if needed



2.5M lbs/year

fuel/trip

between Christchurch and McMurdo



Winter flights to/from McMurdo occur each August (3-5 missions)

March-September is considered Winter and there are no planned flights in out of South Pole during that time....and very few in/out of McMurdo



Summer "Season" starts in October and runs through February each year



USAP PARTNERS FOR TRANSPORTATION AND LOGISTICS

1.8M lbs/year

of cargo moves via commercial air/commercial surface from Port Hueneme to Christchurch



Traverse



2. U.S. Navy (stevedore operations)

- U.S. Army (modular causeway if ice pier fails) 7.
- 4. New Zealand Defense Force (ground distribution at McMurdo, airport ops in Christchurch and 757/C-130 airlift support)
- Italian Air Force (C-130 airlift support)
- 6. Antarctic Support contract (Leidos)
- Military Sealift Command
- 8. Air New Zealand (Commercial Air Cargo to NZ)
- 9. Various commercial shipping operators (Commercial Surface Cargo to NZ)
- 10. Kenn Borek Air
- 11. Air Center Helicopters Inc.
- 12. U.S. Navy Naval Information Warfare Center (all weather forecasting and air traffic control)



